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Alumni Publication of the University of Maryland

# Maryland magazine





**ALWAYS THERE...WITH YOUR HELP** 



THE COVER: Always eager to publish a cover illustration which reflects the spirit of the University, the Editors commissioned artist Howard Behrens, A&S '61 to prepare this view of the College Park eampus. Faced with the prospect of trying to show a 300-acre campus and its 83 principal buildings, Behrens selected general outstanding architecture features, and, using a telephoto lens effect with contrasting blocks of white and black, achieved a striking portrait. To those sharing our enthusiasm for the art of Howard Behrens we will be pleased to send an 8x10 glossy photograph of the cover illustration without commercial message and without cost. As this issue goes to press the artist begins work on his second commission —an imaginative view of the Baltimore campus.

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PHOTOGRAPHS BY EMORY KRISTOF

# The Exuberant University Theater

SHAKESPEARE, WILDER, BURROWS...

Maryland students play
each with vitality and effect.
As these photographs will
illustrate, the necessity to
communicate the excitement,
drama and meaning of the
living theater becomes a
matter of serious concern—
even when playing such an
un-serious show as
Guys and Dolls.

After a wait in the wing, Charles Ford and Dawn Chubb march into the play.

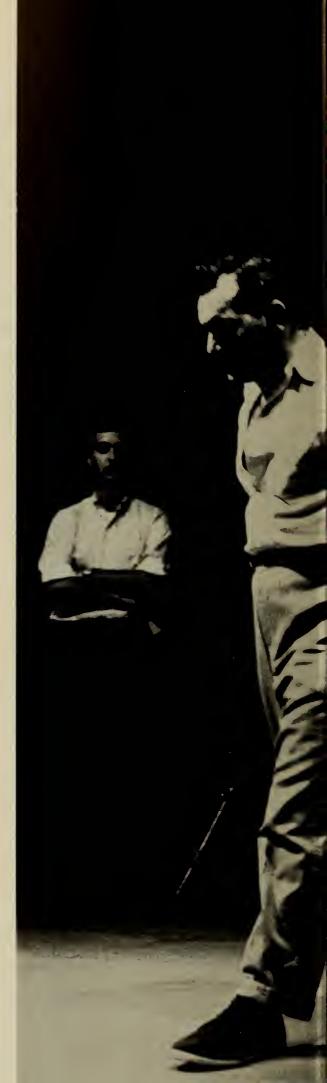


Student seamstresses rush completion of costumes.



Run through it again.
Roy Hendricks and Bill Higgins rehearse a duet.





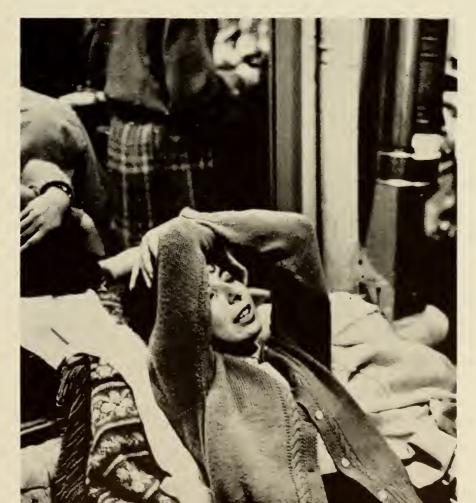


The Director (Rudy Pugliese) is worried. Rehearsal stops.

# The Catalyst of Rehearsal

The work and worry of fitting the people to their parts, and the parts to the play.

Exhaustion.







# PENING NIGHT

he house is sold out.
The cast is ready.
Curtain up.



Carolyn Snyder anticipates her first stage appearance.



Hendricks and Higgins in costume, on stage; the musical unfolds without hesitation.



Beginning its twentieth season,
University Theater plays to a University Community
audience of 10,000 each year.
Its four annual shows attract the participation
of 150 students from all of the schools and colleges.



At the finale, thunderous applause—sole reward for their creative effort.

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William H. Evans, Agr. '26 Washington County— Charles B. Huyett, A&S '53

LUMNI DIARY

THE YOUNGSTER IN A SMALL COUNTRY HOME WAS FASCINATED BY A FRAMED placard which hung on the living room wall. It said, "Make new friends, but keep the old. These are silver, those are gold." Some years later, this same young man was given a "two-month" assignment at the University of Maryland. He was to set alumni records and addresses in order so a strong Alumni Association might be established. This was January, 1947. Many new friends have since been made, and many of the old have remained.

An amazing change has taken place. We could go back to earlier student days, or even to a generation which preceded us at Maryland. It is more satisfying, however, to start at the point where we became an active part of the Alumni Association. The initial Alumni mailing list contained less than 5,000 addresses. This now exceeds 40,000. Approximately 85% of our living Alumni have graduated since the close of World War II. The total valuation of our University physical plant was less than ten million in the mid-forties. In 1963 around eleven million will be spent for new construction alone. The enrollment figure, which then totalled a few thousand, now exceeds forty thousand.

One Alumnus focused attention on the past sixteen years, when he said "Why not call on some of the younger Alumni? I am getting a little old and somewhat tired." He added, "Your requests continually point to the fact that I may still have an obligation to the University for what it gave me. How long

do I work before this obligation is met?"

Admittedly, many of the "older workers in the vineyard" have reason to be tired. Certainly, there are others who deserve to feel they have fulfilled their obligation to the University of Maryland. Why not put a "paid-in-full" stamp on the "old alumni work horse" and let him quietly relax? The answer lies in the present and in the future. Our Alumni President is a prime example. He has given more than 16 voluntary and unselfish years to the University and the Alumni Association. His daughter happens to be one of the 17,500 students on the College Park Campus. Undoubtedly, she would have been here whether or not he was an active Alumnus. His long years of service make him one of the "old friends of gold." He has helped the Alumni Association grow from 286 dues-paying members in 1946 to more than 5,000 at the present time.

Why does an Alumnus stay active? Why does he feel a continuing obligation to serve and to contribute? Perhaps he realizes that the great bulk of the Alumni are young, tied to new jobs and to new responsibilities, busy establishing homes, and possessing little time or money to call their own. Until they are available to share the burden, the work must be carried by those of experience in whose memories the nostalgia of a small, intimate campus still remains fresh. Second, these are individuals who have experienced the pitfalls, heartaches, successes, triumphs and discoveries of life. These are the ones who must plant the orchard from which the next generation will harvest the fruit.

It is this older Alumnus, the "friend of gold" who now speaks to the younger Alumnus, the "friend of silver." It is he who sees the patterns of life emerging from our explosive and revolutionary age. He has moved through the Steam Age, the Electric Age, the Machine Age, the Flying Age, the day of Radio, the era of Television, into the Atomic Age and now the Space Age.

He dares to believe that his generation will be remembered best for its contribution to civilization, and for efforts to bring freedom and self-determi-

nation to the underprivileged around the globe.

To the younger generation of Alumni, he states that the World will not be secured by men of small adventure. Those who want most, who are hungry and resentful and restless are going to make a furious challenge.

The World of tomorrow holds great promise and no generation can avoid

its encounter with destiny.

The older Alumnus will continue to plow the furrow, and sail the ship, while you who are younger Alumnus prepare to meet the problems of his day. What will you do with all you possess; how will you make the World safe for man; how will you accommodate yourselves one to another, race to race, religion to religion, and nation to nation? Before you know it, you who are now "friends of silver" will be the "friends of gold." Tempus fugit!



## UNIVERSITY CALENDAR OF ACTIVITIES

### **FEBRUARY**

- 22 Wrestling, Duke, Away.
- 22 Swimming, North Carolina, Away.
- 23 Basketball, Clemson, Home.
- 23 Swimming, North Carolina State, Away.
- 23 Wrestling, North Carolina, Away
- 28 National Symphony Orehestra

## MARCH

- 1 Swimming, South Carolina, Home
- 1-2 Basketball, A. C. C. Tournament, Raleigh
- 7, 8, 9 Swimming, A. C. C. Tournament, Raleigh
  - 25 Maryland Day
- 28, 29, 30 Wrestling, N. C. A. A., Kent, Ohio
- 28, 29, 30 Swimming, N. C. A. A., Raleigh

### APRIL

- 11 Easter Reeess Begins After Last Class
- 16 Easter Reeess Ends, 8 a.m.

# Study being made of the Life of H. L. Mencken

A new biography of Maryland's great writer and eritie, H. L. Mencken, is being written by Dr. Carl Bode, Professor of English. Dr. Bode is planning his work with the eooperation of August Meneken, brother of the writer, and with the support of Alfred Knopf, leading American publisher. The manuseript is expected to be completed in the summer of 1965.

Dr. Bode began his eollection of material last summer; among other things, he is the author of Mencken's biographical entry in *Encyclopaedia Britannica*. He is aequainted with August Mencken and has visited his home.

"The ecoperation of these two men is valuable," Dr. Bode said in discussing his work. "Through Mr. August Meneken I will be able to see more of the biographical material than anyone else has to date. Through Mr. Knopf I will be able to learn of Meneken's literary life, for he was Meneken's publisher."

"This will be a seholarly study of

Meneken's life; a eoneentration on his life rather than his work.

"Meneken's relationship to Maryland was an important one. Although he often criticized Maryland and Baltimore, he loved them; he always returned to them and always identified himself with them.

"Meneken was the outstanding controversialist in the State in the 20th Century. But he had many sides.

"He was a first class newspaperman. He maintained his *Sunpapers* affiliation most of his life. He wrote some of the liveliest eolumns in modern newspaper history, especially during his free-lanee period.

"He was also a fighting literary eritie. He had an ecleetie taste. He enjoyed and defended realists such as Theodore Dreiser, and at the same time could relish the elegant novels of James Branch Cabell. As a critic, he was particularly against inflated and pompous writing and for honest and literal writing.

"Meneken was also a serious thinker, as best indicated by his three published

treatises including *Treatise on the Gods*, due to be reissued shortly.

"He was an outspoken conservative in politics in the sense of 19th Century Liberalism. He felt it vital to speak his mind.

"Meneken was an authority on the American language. His volume American Language, with supplements, is a elassie work."

The development of the manuscript. due to be eompleted in June, 1965. is partially supported through a grant of the Graduate Research Couneil. Dr. Bode intends to make special use of the Maryland Room at the Enoch Pratt Library, which holds the best single collection of the works of Meneken. He also will review materials reposing in libraries in New York City, Princeton University, Yale University and Dartmouth College. Dr. Bode will be interviewing such people as Hamilton Owens, a former editor of the Sun; Louis Untermeyer, American poet, critic and anthologist; and Mr. John Lohrfinck, who served as secretary to H. L. Meneken.



# The 12th Annual M Club Awards Banquet



Athletes display their award trophies. From the left: Thomas W. Brown, All-America in baseball and football, received the John N. Guckeyson Memorial Award; David H. Crossan, outstanding tackle, received the James M. Tatum Memorial Award; Donald C. Stauffer, outstanding track athlete, received the Charles P. McCormick Award; John N. Belitza, outstanding pole vaulter, the Talbot T. Speer Award.



President Elkins presents the Distinguished Citizens Award to Associate Justice of the United States Supreme Court, Byron Raymond White, center, first member of the Football Hall of Fame to win the National Football Foundation Annual Gold Medal. Justice White received a law degree, Magna cum Laude, from Yale University. Dr. W. Lawrence Smallwood, President of M Club (right), looks on.

A TITS 12TH ANNUAL BANQUET, THE "M" Club presented its Distinguished Citizens Award to Associate Justice of the United States Supreme Court, Byron White. The presentation was made by Dr. Wilson H. Elkins, President of the University.

Justice White was elected to the Football Hall of Fame in 1954, and reeently became the first such member to win the National Football Foundation Annual Gold Medal, previously awarded to President Eisenhower, President Hoover, President Kennedy and General MacArthur, as football's highest honor. For three years at the University of Colorado, Justice White was a star passer, punter and ball carrier. In 1937, he was second in the balloting for the Heisman Trophy, emblematic of the best in football. He played pro-ball with Pittsburgh and Detroit in the National League. He received his Law Degree from Yale, Magna cum Laude, and subsequently was appointed Law Clerk to Chief Justice Vinson of the U. S. Supreme Court. President Kennedy named him Deputy Attorney General and last April appointed him to the Supreme Court.

A number of other awards were made to athletes and persons associated with sports activities at the presentations December 8 at a Washington, D. C., hotel.

Toastmaster for the evening was Dan Daniels, radio and television personality.

C. Robert Boucher, Vice President of the Club, presented the Charles P. McCormick Award to Donald C. Stauffer, track champion; the Talbot T. Speer Award to John N. Belitza, winner of a number of low and high hurdle championships; the A. V. Williams Award to Clayton A. Beardmore, member of the All-America Lacrosse Team in 1961 and 1962; and the John William Guckeyson Memorial Award to Thomas W. Brown, a two-letter man who has received All-America recognition in both football and baseball.

The James M. Tatum Memorial Award was presented to David H. Crossman as the outstanding tackle of the year.

All America Awards were presented by David L. Brigham, Executive Secretary of the Alumni Association, to Clayton A. Beardmore, Lacrosse; John N. Belitza, Track; Thomas W. Brown, Baseball; and Donald C. Stauffer, Track.

Clayton is an outstanding midfielder and opposing player. In 1958, he was named to all M.S.A. Lacrosse Team. He received the William P. Cole Memorial Award, 1961, and the 1961 Naval Academy's Seth Memorial Award.

John was named to the NCAA All-American Track and Field Team, holds the Conference Pole Vault Record; took second place in the National A.A.U. Championships, and placed fifth in World Rankings.

Thomas was All-Conference in baseball his Sophomore and Junior years, and All-America in 1962. In baseball, he already holds the AAC record for the highest batting average, and boasts innumerable accomplishments in football, including All-America recognition.

Donald was named to the NCAA All-American Track and Field Team, stands cighth in World Rankings, and was high point scorer for the University Team in 1961-1962. He and Belitza turned in the best performances in the NCAA ever made by University of Maryland track men.

The Atlantic Coast Conference Championship Coaches Award went to Bill Campbell, Swimming; Jim Kehoe, Track; William E. "Sully" Krause, Wrestling; and Doyle P. Royal, Soccer.

Persons selected for honorary membership in the "M" Club were:

Edward Bean, outstanding golfer, past Club Champion for the Prince Georges Country Club; Joseph C. Blair, long-time University of Maryland Sports Publicity Director and present Publicist for the Washington Redskins; M. S. "Mit" Collins, owner of the American Publishing Company, sports publication plant; Augustus Hines, long-time friend of Maryland athletics; and Justice Byron White, recipient of the year's Outstanding Citizens Award.

The State of Maryland Athletic Hall of Fame Awards were presented by Joseph H. Deckman, Treasurer of the Club. They went to: the late George "KO" Chaney, professional boxer from 1910 to 1925, in the bantam weight, feather weight and lightweight classes: Albert B. Heagy, all-around Maryland athlete and Past President of the "M" Club; William B. "Swish" Nicholson, major league baseball player with the Philadelphia Athletics, Chicago Cubs and Philadelphia Phillies; and C. Loundes Johnson, Maryland yachtsman and designer of yachts, including the Comet Class Yacht.

Recently named to Helms Hall, National Sports Shrine, were two Maryland immortals, Louis W. "Bozey" Berger, first All-America Cage star at the University in 1932, and at present Superintendent of Building Scrvices at the University; and H. Burton "Ship" Shipley, Dean of Maryland Coaches, who retired in 1960, after a coaching span of 24 years.

# Charles P. McCormick Named 'Man of Year'

Charles P. McCormick, Charman of the Board of Regents, was named "Man of the Year—1962" by the Advertising Club of Baltimore at a luneheon on December 5 in the Emerson Hotel ballroom.

The year, 1962, marked the golden service anniversary of Mr. McCormick with McCormick & Company and the thirtieth anniversary of his progressive management philosophy.

The "Man of the Year" award is the result of the experience and judgment of a special Advertising Club committee eomposed of outstanding business and civic leaders in Baltimore.

J. Harold Grady, then Mayor of Baltimore, was present at the award-giving festivities and offered his personal and official congratulations to Mr. McCormick on behalf of the people of Baltimore.

The Honorable J. Millard Tawes, Governor of Maryland, also attended and praised Mr. McCormiek for the interest he showed in the growth of industry by his maintenance of his firm's world headquarters in Baltimore, as McCormick Company grew on a global scale. The Governor also recognized civic contributions made by Mr. McCormick on a local, regional and national basis.

## Cohen 'Portrait' Published

Dr. Leonora Cohen Rosenfield, Associate Professor of Foreign Languages, has written the first book in English about her father, the noted philosopher Morris R. Cohen.

Portrait of a Philosopher is a colorful and candid picture of Cohen who lived from 1880 to 1947. Youthful diaries, love letters, unpublished manuscripts and over 500 contemporary letters have been used to paint an intellectual and social picture of the man and his age.

His vast correspondence with friends, students, and associates included Felix Frankfurter, his former Harvard roommate, Justice Oliver Wendell Holmes, Albert Einstein, Edwin Arlington Robinson, George Santayana, William James, John Dewey, Harold Laski, Benjamin Cardozo, Sidney Hook, Learned Hand, Roseoe Pound, Bertrand Russell, H. L. Mencken, and others.

A professor at the City College of New York, Harvard and the University of Chicago, Cohen greatly influenced Twentieth Century law, logic and social science. A three-and-onehalf million dollar library has been erected in his name at the City College of New York.

Dr. Rosenfield, whose publications on French literature and philosophy are well known, applied the techniques of the French prose masters in writing the biography.

Born in Manhattan, Dr. Rosenfield has receive degrees from Smith College, the University of Grenoble, the Sorbonne, and Columbia University.

She is the author of From Beast-machine to Man-machine with a preface by Paul Hazard of the French Academy, and Discovering Plato, which she translated from the French of Alexandre Koyre. She has edited her father's posthumous works and contributed to the third volume of Cabeen, A Critical Bibliography of French Literature, as well as to many historical magazines published here and abroad.

Dr. Rosenfield is a member of Phi Beta Kappa. She is married to a Washington lawyer, Harry Rosenfield, and is the mother of a daughter, Marianne.

Portrait of a Philosopher: Morris R. Cohen in Life and Letters is published by Harcourt, Brace and World, Inc.

# Seniors Present Peter, Paul, Mary

The Senior Class of the University will present the folk-singing trio, Peter, Paul & Mary, between 8:30 and 10:30 p.m. on April 27 at the Cole Activities Field House.

Choice seats are being reserved for alumni, who may purchase tickets for \$2.50 cach by sending the money and an enclosed self-addressed envelope to Alumni Tickets, Post Office Box 80, College Park, Maryland. Tickets will also be on sale on campus and at the door. Profits will be given to the Mc-Keldin Library.

# 1963 Speakers Bureau Issued

More than 130 professors and staff members of the University of Maryland are listed in the 1963 Speakers Bureau, a roster of speakers on more than 400 subjects who are available for appearances before civie, service, and social organizations.

The Bureau offers a wide range of talents and topics as a public service.

A listing of the speakers and subjects are available to any organization which contacts The Speakers Bureau, North Administration Building, University of Maryland, College Park. To contact the Bureau by telephone, dial WArfield 7-3800, extension 253.



E. E. POWELL



C. M. WHITE

# Born of Fire

Out of a fire which Leveled the main building of Maryland Agricultural College fifty years ago, came the flame which initiated Gamma Pi, destined to become Delta Phi of Sigma Nu Fraternity—the first fraternity at College Park. Organized in April 1913, the fraternity has matured with giant strides.

Following the fire in November of 1912, students were scattered in private homes in College Park, Riverdale, Berwyn and Hyattsville, This had been a strict military school, students were quartered in barracks, under military discipline, and no fraternities were allowed.

In the new situation, eight members of the Senior Class organized into a fraternity. Faculty approval was another major problem. Accordingly three Seniors were appointed as a committee to endeavor to secure recognition from the faculty of the College so the group could proceed with its organization, and attract new pledges. Through the cooperation of two professors, Thomas H. Spence and F. B. Bomberger, the approval was granted, and the eight Seniors agreed to the name "Gamma Pi."

Two outstanding alumni survive from the founding eight. One is E. E. Powell of Towson, who is universally known as the "Father of Lacrosse" at Maryland. Mr. Powell organized the first Maryland Lacrosse team in 1910. Following graduation, he was a road builder in Western Maryland, and later, in building construction in both New York and Connecticut. He served 18 months in France in World War I, and then held the following positions—Office Manager for Mack Truck; Field Man-

ager of Traffic Analysis with the Bureau of Public Roads in Pennsylvania and Illinois, and from 1925 to 1956 with the Black & Decker Co. in Towson.

The second remaining founder is Charles M. White of Cleveland, Ohio. Mr. White, a devoted supporter of the University, began a career in the steel industry, which required the physical strength of youth. He eventually became Chairman of the Board of Republic Steel, a position from which he recently retired. Perhaps the spark which ignited this leader was found in the opportunity to organize a fraternity "Born by Fire."

The flaming torch was adopted as the symbol for the fraternity pin, and was designed in the shape of a quadrangle. In each of the four corners is a small ruby, signifying the four corners of the earth. Between each ruby are four pearls, representing the original eight seniors, and eight pledges to be taken in before the seniors graduated.

The other founders were Milton E. Davis, Ralph S. Healy, Hugh S. Kochler, Nathanial A. LeSavoy, Ezekial J. Merrick, and William K. Robinson.

On this Fiftieth Anniversary, a committee, headed by Powell, with a great assist from Austin C. Diggs, is attempting the organization of a strong active alumni group. More than 700 have joined this fraternity during the half-century. In a recent appeal Mr. Diggs offered the following significant words to all fraternity actives and alumni—"We may well be proud of the spirit which created our organization. Our University is growing in stature, and our fraternity must keep pace. When we help our fraternity, we assist worthy young men, and we help the University."

# Some Recent Grants to the University

For support of research on systematics of plethodontid salamanders.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF ZOOLOGY \$18,000.

For research participation for college teachers program.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF PHYSICS AND ASTRONOMY \$26,500.

To develop equipment and methods for measuring plasma temperatures up to the 20,000° K range by means of spectral line reversal.

U. S. NAVY TO INSTITUTE OF FIUID DYNAMICS \$9,992.32.

For research on African agricultural patterns.

National Science Foundation to Department of Geography \$17,900.

For establishment of a science teaching center

NATIONAL SCIENCE TEACHERS ASSOCIATION TO THE COLLEGE OF EDUCATION \$1,500.

To supplement tuition of an estimated 250 students in the educational program of the laboratory.

U. S. Naval Ordnance Laboratory to University College \$5,000.

For study of scientific and technical manpower resources in space sciences and technology in the U.S.S.R.—a pilot project.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF PHYSICS AND ASTRONO-MY \$23,700.

For research on the limiting factors in the mass culture of unicellar algae.

U. S. NAVY TO DEPARTMENT OF BOTANY \$11,000.

For research on topological spaces and linear operators.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF MATHEMATICS \$65,000.



Coach Cronin receives a Silver Bowl

University Golf Coach Frank Cronin receives a silver bowl in appreciation for his work with the University of Maryland's Women's Golf Association.

Organized last year, the 50-member club is made up of faculty wives, alumni and distaff members of the Terrapin Club.

From left to right, Mrs. Libby Bean, Mr. Cronin, Mrs. Emeline Foster and Mrs. Dorothev Elkins.

In addition to the presentation, which was made at a luncheon in the home of Mrs. Elkins, an annual tournament was established in honor of the popular golf coach. To be known as the Frank Cronin Golf Tournament, it will be held at College Park beginning in 1963. Winners of the event will receive a small replica of the silver bowl.

\$

For research on turbulent transport coefficients.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF CHEMICAL ENGINEERING \$33,000.

\*

For comparative study of ionic conductances in various axon populations.

NATIONAL SCIENCE FOUNDATION TO SCHOOL OF MEDICINE \$66,200.

\*

For a single unit study of auditory localization.

NATIONAL SCIENCE FOUNDATION TO SCHOOL OF MEDICINE \$68,000.

#

To study the feasibility of annexing to Town of Elkton surrounding unincorporated areas.

MARYLAND STATE PLANNING DEPARTMENT TO MUNICIPAL TECHNICAL ADVISORY SERVICE, COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION \$400.

282

To develop a pilot educational program designed to improve the efficiency of agricultural marketing firms.

United States Department of Agriculture to Department of Agricultural Economics \$10,000.

\*

To establish a Research Center at the School of Social Work in Baltimore.

Community Research Associates, Inc. to the University \$53,000.

밣

For research related to saline water. U. S. Department of the Interior to Department of Chemistry \$77,798.

\*

For a study of ion association in certain electrolytic compounds.

Atomic Energy Commission to Department of Chemistry \$21,725.



# SECONDARY EDUCATION IN THE SIXTIES

opportunity. Never before has our country so openly recognized the vast historical contribution as well as the unlimited potential of mass education dedicated to the optimum development of each and every individual in our virtual sea of bubbling teenagers. Never before has our citizenry placed so many demands on mass education but all the while accompanying these demands with a full measure of confidence so necessary for such a monumental undertaking.

These unprecedented demands stem from a long line of recent world developments. I refer to recent developments in the area of the sciences, technology and international relations. Consider, if you will, that President John F. Kennedy predicts that we must find 25,000 new jobs every week for the next ten years to accommodate those workers who are displaced by machines—automation. Remember, also, that astronaut Schirra recently became the ninth man to ride a rocket from the earth. "Man in Space" dates back only to April 12, 1961 when Russian Major Yuri Gagorian survived one earth orbit in one hour and 48 minutes. Only 19 months later astronaut Walter M. Schirra, Jr. made 6 orbits around the earth in a little over 9 hours and traveled 160,000 miles. This fantastic progress in the man-in-space program has occurred in a span of time less than it would take a high school sophomore to graduate from high school.

of public education into a world whose technological development and political and social status differs considerably from that of the world into which he was born. Undoubtedly, the obvious unrest among nations, the visible evidence that the United States no longer has a monopoly on the world's know-how and the long overdue rediscovery that our country and its schools have, in fact, a common destiny, have stimulated widespread public thought and action. Teachers in our secondary schools must prepare today's children to face a world we can, at best, only imagine. The decision between the colossal disaster of complete nuclear destruction or mutual world tranquility is riding on the shoulders of these youngsters. The implications for better secondary education are staggering.

Public opinions aroused by these timely events, found at first a ready answer to our problems—we failed to train enough scientists and technicians. Thus the prime course of our newly recognized inferiority, it was proclaimed, was our educational system. Unfortunately for educators, a collective scapegoat was found to be more guilty than others. This scapegoat was "Progressive Education." Many people, some competent, and some not so competent, felt impelled to offer some temporary remedies, if not magic panaceas. "Do away with the frills," "Establish a National Curriculum with National Standards," "Make Subjects Tougher," "Assign more homework," etc. Yes, some even suggested the wholesale transplanting of the British or the Russian educational system.

For a considerable number of years prior to the Russian breakthrough in space, American education was singularly free from tension of a truly philosophical sort. There were problems, naturally, but these problems were largely in the realm of practical everyday storekeeping caused largely by the ever increasing school population and its related implications. For educators and laymen alike, philosophy of American education was a topic of no great concern. Educational philosophy seemed to survive on its reputation alone. The great educational philosopher, Boyd H. Bode, once remarked that the only good by-product of wars and depressions was that they prodded men to think. Whether secondary education is suffering war or depression or both is of little consequence. The point is, however, that there is tension and unrest more than enough to call for new and different ways of behaving. Nourished by unrest, philosophy thrives.

It is possible to mention here only a few of the more significant outcomes of this great unrest. These outcomes have been generated by educational philosophy, educational practitioners, academic colleagues, scientists and various Federal Agencies.

THE HARD FACTS OF REALITY ADMIT TO NEARLY 10,000 one-room schools scattered throughout the United States as unmistakable vestiges of the truly local origin and character of public education in this country. Fourteen thousand of the 42,000 school districts in the United States provide education for fewer than 50 pupils. On the other hand this past September (1962) 39 million youngsters were greeted by nearly 1,750,000 teachers in our elementary and secondary schools.

A rural school near Washington, D. C.



# Unprecedented Broad Studies of Secondary Education

The Conant Reports

Dr. Conant, under a grant made possible by the Carnegie Corporation of New York conducted a planned study of American high schools and junior high schools through on-the-spot observations in many schools throughout the United States. These studies were published as The American High School Today (McGraw-Hill 1959) and Education in the Junior High School Year (Educational Testing Service, 1960). Important among the recommendations set forth by Dr. Conant in these reports were (1) continued support for the comprehensive high school, (2) high school size such as to produce a graduation class of not less than 100 students, (3) 6 years of a single foreign language, (4) a full-time specialist in guidance and testing for every 250-300 pupils (junior high), (5) homework of one hour per day in grade seven to two hours per day

by DR. ORVAL L. ULRY, Professor of Education, on leave to New Delhi, India, where he is serving as Secondary Education Advisor to the Agency for International Development.

Dr. Ulry received his Ph.D. from the Ohio State University. He served as Director of Student Teaching at Miami University, Oxford, Ohio, and as Director of the Summer School Program at the University of Maryland.

## PHOTOGRAPHS BY CARL PURCELL

NATIONAL EDUCATION ASSOCIATION

by grade 9. The Conant reports have been widely distributed and read. School boards throughout the 50 states are attempting to improve their schools in light of recommendations in these reports. Without doubt, no one has done more in the past quarter century to arouse the public to the singular fact that schools are important and that education does matter. His direct approach of reporting findings and suggesting realistic recommendations makes his reports both readable and effective.

# Project Talent

Project talent essentially involves a national inventory of aptitudes and abilities of approximately half a million students obtained by a representative sampling (5% sample) of high schools throughout the United States. The survey was conducted by the University of Pittsburgh and was supported by the United States Office of Education with assistance from the National Institute of Mental Health and the Office of Naval Reserve.

What kinds of information will help teachers to improve instructional programs? How can teachers better help to meet the vocational needs of youngsters? What can teachers do to enable each student to realize his full potential? Project talent, a new broad dimension in educational research, was designed to help provide answers to these and many other important questions concerning the potential talent of boys and girls in the nation's secondary schools.

This mountain of vital data that is being amassed will most assuredly provide source material for research on educational and teaching practices which will be invaluable in helping students to reach their full potential.

## Broad Curriculum Studies

OVER THE PAST SEVERAL YEARS THE NATIONAL SCIENCE Foundation has stimulated and supported new curriculum developments focused largely on the secondary schools of the nation. Scientists, mathematicians, classroom teachers and educators have been engaged in a widespread, cooperative effort to produce new high school programs in physics, biology, chemistry and mathematics. Excitingly new materials have been prepared in physics, chemistry and biology. In these science curriculums up-to-date content is carefully guided through a series of films, laboratory experiments, and single apparatus. The biology curriculum provides a six-week block of laboratory experiences centered around plant and animal growth and development. Several outstanding features of these new curricula are unique in at least the following ways: (1) They contain the most recent content, (2) They incorporate the trial and error procedure in that they are written, tried, rewritten, etc. (3) They present a truly experimental approach to science through a new emphasis on the laboratory, (4) They include wide-spread participation by scientists and, (5) They enjoy a reasonably sound financial backing through Federal grants.

Workers at the University of Illinois, the University of Maryland and the School Mathematics Study Group at Yale University have combined their earlier individual efforts to provide new and exciting curriculum materials in mathematics from grades 7 to 12. These new materials

also have been written, tried and re-written until each respective committee was more or less satisfied with the field results obtained. These programs have strength in that (1) they present mathematics as a logical tool, (2) word usage and definitions have been sharpened and (3) meaning replaces sheer manipulation.

Almost too new to mention but certainly too worthy to omit is the new curriculum study entitled: "Project English." Three curriculum study centers in English began operating in April of 1962, with funds from the United States Office of Education, (1) Carnegie Institute of Technology, (2) The University of Nebraska and (3) Northwestern University. These centers, designed to improve the teaching of English on all levels, will have \$720,000 at their disposal over a 5-year period. They will experiment with the development of curricula that will help students learn English more systematically. It is thought that this can be done by a meaningful ordering of course content along with a serious consideration of the students' learning processes. More attention, it is said, is to be given to linguistics—the science of the language itself.

# Relatively New Programs of Federal Aid to Education

FEDERAL AID TO EDUCATION DATES BACK TO THE ORDInance of 1785, the ordinance of 1787 and the Morrill Act of 1862. Through the years, Federal Aid to education has increased rather consistently. Over these same years Federal Aid has tended to become more specific and more protected. That is to say, not since the ordinance of 1785 and later the Land Grant Act has Federal Aid to education been offered in such broad general terms. More recent aid has been in the form of assistance to a specific segment or function of education, i.e. school lunch, surplus food, vocational home economics, vocational agriculture. This trend may be changing.

## National Science Foundation

The National Science Foundation was created by the 81st Congress in 1950 to develop and encourage the pursuit of a national policy for the promotion of education in the sciences.

This past summer (1962) 20,000 high school and 2,000 college teachers of science, mathematics and engineering attended 481 institutes supported by N.S.F. The 247 colleges and universities that conducted these institutes received grants totaling 26.4 millions. Since N.S.F.'s program of summer institutes for science, math and engineering teachers was established in 1953, 10,000 college teachers have received training at 256 institutes and 85,000 high school teachers have received training at 1,113 institutes. These figures represent about 4% of the college teachers in their fields and 22% of the high school teachers. This academic year (1962-63) begins the 7th year of N.S.F. sponsored academic year institutes. There are 1,700 secondary teachers and 100 college teachers of science and mathematics currently enrolled in academic year institutes.

In addition, N.S.F. grants totaling \$711,500 were made to 21 institutions in 18 states to help support summer institutes for about 700 public and private elementary school staff members during the summer of 1962. Since this program was launched 46 institutes have been conducted for 1,726 elementary school teachers or about 0.2 percent of the elementary school science and mathematics teachers.

# National Defense Education Act

This additional Federal Aid act was hurried into being in 1958 close on the heels of Sputnik. Basically, it was designed to bolster our secondary school programs by providing Federal Aid in the areas of science, mathematics, modern foreign language, guidance and counseling, student loans and graduate fellowships (college level). This title authorized three related programs, (1) a program of grants to state educational agencies for projects of local educational agencies for the acquisition of laboratory or other special equipment for science, mathematics, or modern foreign language teaching in public elementary or secondary schools or junior colleges, and for minor remodeling of laboratory or other space to be used for such equipment, (2) a program of loans to non-profit, private elementary and secondary schools for the same types of projects; and (3) a program of grants to state educational

agencies for expansion or improvement of supervisory or related services in public elementary and secondary schools and junior colleges in science, mathematics, and modern foreign language instruction, and for administration of the state program. For example, over 7 million dollars was allocated to federally financed summer and academic-year institutes for the training and/or updating of foreign language teachers. An additional 7 million was allocated for the same types of institutes for personnel in counseling and guidance.

# The Kennedy Administration's Proposed Federal Aid to Education

The administration bill for Federal grants to public elementary and secondary schools called for approximately 3 billions of dollars. This amount was to be granted over a three-year period and could have been used for school construction and/or teachers' salaries. The grant was to be made to the states and the decision as to the expenditure was to be that of each respective state. This bill is caught up in the two heavy hands of fear of Federal control and separation of church and state. The outcome of the administration aid to education bill remains to be settled in still another Congress.

New modern schools are found in most American communities.



# New Teaching Devices and Procedures

## Educational Television

THE "CONTINENTAL CLASSROOM" SET A NEW HIGH IN mass media instruction in the United States. High level, academically sophisticated courses in physics, chemistry, biology and American Government have been beamed out in all directions over a national television network system. Local commercial stations throughout the nation devote public services time to such adult education programs as Human Development, Religion, Shorthand, Foreign Language, to mention only a few. On April 11, 1952 the Federal Communications Commission set aside 242 channels for non-commercial stations. More than a year of planning and hard work ensued before the first educational station went on the air. Now, ten years later, a network (National Educational Television) of sixty-seven affiliated educational stations stands ready to serve many communities throughout the nation.

Dave Garroway will be host for and assist in the preparation of a series on science, "Exploring the Universe," for the National Educational Television network. The eleven half-hour programs have been made possible by a grant from the National Science Foundation. The series will be shown on the sixty-seven network stations across the country during the 1962-63 television season.

## Team Teaching

In 1956 the National Association of Secondary School Principals established a commission to look at the deepening problem of improving educational opportunities in the face of an acute shortage of teachers. For more than four years the commission encouraged, sponsored and worked with various experiments in nearly 100 junior and senior high schools across the nation. As a result of these studies some rather drastic new guides to better schools have been

proposed by this group. Dr. Lloyd Trump, Executive Secretary of the National Association of Secondary School Principals, suggests that this report is, in fact, the story of the coming of a new kind of secondary education in America—a plan for the schools of the future. In this proposal school learning would take place through the approach of large groups, very small groups and individual study. Instruction would be done by a team of teachers (usually between 3 and 6) jointly responsible for planning, carrying out and evaluating an educational program for a given group of children (usually 120-200). The team-teaching approach utilizes classrooms of various sizes during the normal school day and school week. A class of 120-200 students would not be uncommon on a day when a basic concept is to be introduced. On other days of the week, it may be desirable to divide the group into several classes of 10-15 or one or two teachers may work with groups of 100 or more. Some students may spend up to 20-24 hours weekly in independent study. School plants must be designed for this new-type program, with fewer rooms of the traditional capacity of 30-35 and with more rooms of 100-200 and 10-15 capacity.

At present there are about 100 communities throughout the United States engaged in one form or another of team teaching. Communities that are experimenting with team teaching include, Norwalk, Connecticut; Madison, Wisconsin; Jefferson County, Colorado; Evanston, Illinois.

# Programmed Learning

In only a short span of 2 or 3 years the term "programmed learning" has enjoyed widespread lip service sometimes with understanding but too often void of real meaning. Generally speaking, programmed learning refers to a method of arranging instruction in a sequential form





A class utilizing individual teaching machines

according to such principles as: (1) material must be arranged in a series of logical or psychological steps, each of which may be accomplished by the learner, (2) learner must choose an answer or a solution at each step of the program, (3) learners must be reinforced after each answer or solution by knowing immediately if the answer is correct.

Programs of instructions may be presented to the learner in a number of interesting ways. Two of the more common ways are the teaching machine, and the programmed text. Teaching machines are designed for the individual student rather than for mass instruction. The machine requires active responses from the student who must manipulate it in some manner to indicate his responses to questions or problems presented. The psychological value of teaching machines may well prove to be their strongest point. Dr. B. F. Skinner of Harvard University states "something good happens to a child with each response when he is using a teaching machine. He is conditioned to learning; the machine attracts his attention and then rewards him for learning." Rarely mentioned as an instructional resource five years ago, the use of teaching machines is beginning to emerge beyond the experimental stages in many school systems. For example, high schools in Pittsburgh have taught physics by machines. Roanoke, Virginia, used machines to teach elementary algebra, Youngstown, Ohio, has select elementary and junior high school students using machines for arithmetic instruction. Several colleges and universities are teaching basic statistics by machines. Programs are already available in Spanish, French, logic, arithmetic, spelling, music, physics, to mention only a few. The cost of mechanizing learning is now extremely high, but the trend is toward less expensive machines and programs. Teaching machine costs now range roughly from \$20.00 to \$5,000.00.

Programmed texts sometimes referred to as "scramble texts" present the programmed materials in a more conventional manner as an actual bound textbook, or as a series of cards arranged on rings so that they can be flipped over at will. Students do not pick up a programmed text and read continuously page by page. Instead, the pages are often divided into 6 or 8 alternate colored bands that direct the student to proceed in one band and then only

as directed. In one popular scramble book in English the student must work his way from first page to last page a total of 12 times before he has finished all of the problems presented. As the student progresses successfully through the book he is rewarded with answers that are found on the pages that present the new problem. Six schools in the District of Columbia are currently experimenting with programmed textbooks in English.

# In Summary

By way of summary then, secondary education has most assuredly come of age in the past few years. The dramatic need for drastic change to replace simple tinkering has loomed large of late. Educational philosophy of the past two decades has been sharply challenged. Current methodology too often characterized by recitation and memory work with 30 students and one teacher per room has been severely questioned. The usual scope and sequence of courses has been uprooted. This general ferment in secondary education has been an outgrowth of frustrations of continuous population explosion, fantastic growth of organized knowledge, unprecedented world competition and increased Federal Aid to education.

Some of the more obvious attempts to meet these new challenges include comprehensive studies of the junior and senior high schools, broad curriculum studies in certain subject matter fields, national inventory of aptitudes and abilities of high school youngsters, relatively new and substantial programs of Federal Aid to certain specific programs, and new teaching procedures, including educational television, team teaching and teaching machines.

It is much too early to assess these various experimental and demonstrational programs. Time and a new and greater emphasis upon hard research will furnish some clues. Throughout these exciting adjustments and growing pains let us not forget the most important ingredient of secondary eduction—the student. May we ever provide for him a curriculum that is interesting and challenging, free him to proceed at a rate commensurate with his capabilities and hold him until he has reached his optimum potential.

# Inside Maryland Sports by Neil La Bar Director of Md. Sports Information

Most football fan attending a Maryland game in the four years that Coach Tom Nugent has been at the helm has had a particularly exciting day if average scores are any indication. In the 40 games that Nugent has coached at Maryland, the Terp elevens have scored 681 points for an average of 17.025 per game. The Maryland defense has allowed 623 points for a 15.575 average. The differ-

ence—1.45 points per game. The Terps have won 24 and lost 16 in the four seasons. Half of the wins have been by less than a touchdown.

Duke Wyre, Maryland's popular head trainer, was trainer of the South Squad in the annual Blue-Gray football game in Montgomery, Alabama, December 29th. Wyre joined Tom Nugent, the Terrapins' head football coach, in the annual classic. Wyre is considered tops in the training



field and was one of eight trainers selected for the 1960 Olympics in Rome.

## VARSITY BASKETBALL SCHEDULE AND SCORES

Date		Opponent	Location
December	1	PENN STATE (61-62)	Ноте
	4	Georgetown (70-79)	Away
	8	*DUKE (56-92)	Away
	11	*NORTH CAROLINA STATE (74-76)	Home
	15	*virginia (67-61)	Away
	19	*WAKE FOREST (74-85)	Home
January	5	*SOUTH CAROLINA (68-63	) Home
	8	GEORGE WASHINGTON (74-72)	Home
	12	NAVY (67-61)	Home
	14	*NORTH CAROLINA (56-78	) Home
	19	*NORTH CAROLINA STATE	Away
February	1	GEORGE WASHINGTON	Away
	4	GEORGETOWN	Home
	7	*NORTH CAROLINA	Away
	9	*CLEMSON	Away
	11	*SOUTH CAROLINA	Away
	14	*WAKE FOREST	Away
	16	*VIRGINIA	Home
	19	*DUKE	Home
	23	*CLEMSON	Home

\* Atlantic Coast Conference Game

## TURNING TO WRESTLING . . .

A wrestling match is normally stopped for one of three reasons. A fall which ends the match, an occasional injury which causes a temporary halt, and a new gimmick for catching your breath, dropping a contact lens on the mat.

However, Referee Eugene Moran was faced with a different problem at the Maryland-Virginia match. During the middle of the 130- pound match, a boxer jumped out on the mat in Cole Field House. No one knows how he got in, but he wasn't satisfied with his seat in the stands and wanted to get a better view of the action, and what better place than right on the mat.

Referee Moran stopped the match and everyone tried to catch the boxer. Finally, veteran Terp coach Sully Krouse coralled him and had him sit on the Maryland side.

Wait a minute . . . the boxer wasn't the prize-fighter type boxer but rather a friendly canine. It is doubtful that the rooting of the pooch helped the outcome of the match as the Terps won, 23-2.

VARSITY BASKETBALL ROSTER									
No.	Name, High School	Pos.	Age	Class	Ht.	Wt.			
20	*Robert Eicher GREENSBURG, PA.	G	21	Sr.	6-2	180			
25	*Jerry Greenspan WEEQUAHIC, NEWAR			Sr.	6-6	220			
32	Gerald Bynan HEIDELBERG, GERMA	G	21	So.	6-0	155			
34	Robert Lewis NORTHWOOD, SILVER	F R SPRI	20 NG	So.	6-4	202			
35	*Connie Carpenter NORWALK, CONN.	F	24	Sr.	6-4	190			
40	Sam McWilliams BULLIS PREP, WASHI	_	20 N, D. C	So.	6-1	185			
44	Raymond Maxwell LANSDOWNS-ALDAN,		19	So.	5-10	150			
45	Phillip Carlson WILSON, TACOMA, W		19	So.	6-4	170			
50	*Joseph Barton BEAVERDALE-WILMO				6-7 A.	220			
54	*Scott Ferguson ST. FRANCIS PREP, 1	C HANOV		Jr.	6-8	225			
55	Rudy Shively PORTSMOUTH, OHIO	F	19	So.	6-6	185			
HEAD COACH: H. A. "Bud" Millikan ASSISTANT COACH: Frank Fellows, Jr.									

TRAINER: Alfred J. (Duke) Wyre

MANAGER: Dan Sweeney

\* Denotes Letterman

## Early Admission Policy

A new admissions policy at the University of Maryland will enable above-average Maryland high school students to apply earlier for admission, it was announced recently.

Beginning this fall, the University will notify these students regarding admission during the fall and early winter months, provided they have carned at least a "B" average in major subjects during the junior year in high school.

"The University feels that this earlier admission program, in keeping with its emphasis on excellence in scholarship, will give recognition to above-average high school seniors without altering its basic admission requirements," G. Watson Algire, director of admissions, said.

He explained that early admission letters would be issued on a provisional basis, the provisions being: (1) receipt of the complete high school record and ecrtification of graduation at the end of the senior year, and (2) receipt of the scores on the American College Test which all students are required to submit.

High school students who do not have a "B" average at the end of the junior year but meet University admission requirements can apply on the basis of grades up to the end of the first semester of the senior year. Admission notification will be made to these students in the spring.

# Through The Years

"Through the Years" is now a regular section of THE MARYLAND MAGAZINE. Insofar as possible current information concerning Alumni will be contained in these columns. Those who served for many years as our school and college editors will still be providing items for this section. Much news will be gleaned from Alumni History Records submitted to our members from time to time. This section will always welcome notes from our readers giving us word on the accomplishments, activities, locations, and personal notes. We welcome your reaction and your assistance. It is our hope every reader will also be a reporter.

## 1895-1919

DR. WALTER BURT YOST, Agr. '86, M.D. '94, died on October 13, 1962. Dr. Yost led a storybook life of adventure and service. From cowboy in the Montana Territory in 1887 to graduation from the University's Medical School in 1894 to resident physician at the St. Louis Fair in 1904. He continued to practice in St. Louis for many years. Dr. Yost was 89.

W. CALVIN CHESNUT, LL.B. '94, died at his home in Baltimore on October 16, 1962. Judge Chesnut served 31 years on the Federal Court in Baltimore. He was considered one of the foremost Maryland jurists of the Twentieth Century. His judicial philosophy is reflected in his own words, "All public office is a public trust, the judicial office is even more than this. It is a sacred trust." Judge Chesnut was 89.

WILLIAM J. LOWRY, Phar. '96, is now retired and living in Baltimore. Among his many activities, Mr. Lowry served as senior pharmacist at James P. Frames & Son in Baltimore. He was also the first president of the Pharmacy Alumni Association of the University of Maryland.

DR. RICHARD HOLT MORRIS, M.D. '96, is retired from the practice of medicine. He is living in Everett, Mass. Dr. Morris has three children. He is also a graduate of the School of Pharmaey, Class of 1891.

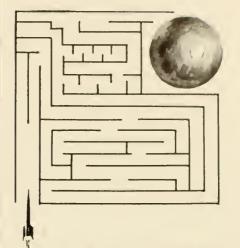
ROBERT E. L. MARSHALL, LL.B. '97, died in October, 1962, at his home in Baltimore. Mr. Marshall was the son of the military secretary to General Robert E. Lee. He was 89.

DR. CURTIS A. SHEELY, D.D.S. '02, is still active in the practice of dentistry. He and his wife live in Harrisburg, Pennsylvania. Dr. Sheely's oldest grand-daughter, Barbara, graduated from Maryland in 1958.

DR. ROBERT EDWARD L. STRICKLER, D.D.S. '03, retired from the practice of dentistry in 1960. He lives in Bridgewater, Virginia.

THOMAS B. MULLENDORE, A&S '04, is retired and living in Buffalo, N. Y. Mr. Mullendore regularly returns for Homecoming at the University.

(Continued on next page)



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DR. ANDREW J. LOUGHNAN, M.D. '01, died on October 4, 1962, at the Veterans Administration Hospital at Wood, Wisconsin. Dr. Loughnan practiced medicine in Oconomowoc for 43 years. He had been retired for two years. He was 89.

RICHARD H. HALLEY, LL.B. '05, is retired and living in Montross, Virginia. He was the cashier at what is now the Maryland National Bank, and served with that institution for forty years.

DR. JAMES STEPHENSON HOPKINS, D.D.S. '05, died November 18, 1962, at Union Memorial Hospital. He had practiced dentistry in Bel Air since 1905. Dr. Hopkins had received the University's Distinguished Alumni Award last February. He was 78.

J. J. T. Graham, A&S '06, retired from the U. S. Dept. of Agriculture in 1954. He also received his M.S. degree in chemistry from the University of Maryland 1917. He lives in Bowie, Maryland.

DR. LEROY G. SIGLER, D.D.S. '06, is a practicing dentist in Georgetown, Maryland.

DR. CLARENCE V. LATIMER, M.D. '07, is a practicing physician. He has three children and lives in Deposit, New York.

DR. RICHARD F. SIMMONS, D.D.S. '07, is a practicing dentist. His family of ladies includes one daughter, one grand-daughter and one great granddaughter. Dr. Simmons lives in Norfolk, Virginia.

GEORGE ROY MUELLER, LL.B. '08, retired in 1959 as Vice President and Trust Officer of the Baltimore National Bank. He lives in Baltimore.

DR. ERNEST V. NOLT, M.D. '08, is retired from the practice of medicine. He is living in Columbia City, Indiana.

CARROLL A. WARTHEN, Engr. '08, is retired from engineering. One of his many accomplishments was the building of the George Washington Masonic Memorial at Alexandria. Mr. Warthen lives in Huntington, Maryland.

DR. LAWRENCE KOLB, M.D. '08, is a consultant with the National Institute of Mental Health. He served for many years as a commissioned officer in the U. S. Public Health Service. Dr. Kolb lives in Washington, D. C.

Dr. James A. Hughes, M.D. '09, died in Mt. Carmel, Pennsylvania, on November 10, 1962. Dr. Hughes is survived by his wifc.

COL. BASIL D. SPALDING, Engr. '09, is retired as a career officer in the U. S.

Army. Col. Spalding lives in Atlanta, Georgia.

WILLIAM R. MASLIN, Engr. '09, is retired after 42 years as treasurer of the National Process Co. of New York. Mr. Maslin lives in Port Chester, New York. His son and daughter also attended the University of Maryland.

HERSCHEL H. ALLEN, Engr. '10, is the Senior Consulting Engineer with the J. E. Greiner Company of Baltimore. Mr. Allen lives in Baltimore. He has five children.

ROY M. BIRELY, Pharm. '10, retired from pharmacy in 1956. He was the manager of Morgan and Millard Drug Store in Roland Park. His son, B. Robert Birely, M.D., graduated from the University of Maryland in 1951. Mr. Birely lives in Baltimore.

DR. MORRIS L. CAHN, M.D. '10, is a practicing physician. He lives in Reading, Pennsylvania. Dr. Cahn has three children.

DR. THOMAS RAY STANTON, Agr. '10, died at his home in Hyattsville on November 15, 1962. Until his retirement in 1951, Dr. Stanton had served with the U. S. Dept. of Agriculture. He received his M.S. from the University of Maryland in 1921, and was awarded an honorary Doctor of Agriculture from Iowa State University in 1945. Dr. Stanton was 77.

DR. JOSEPH STOMEL, M.D. '11, died in Los Angeles on September 27, 1962.

E. R. BURRIER, Engr. '12, retired in 1960. Mr. Burrier was an Electrical Inspector and construction engineer. He lives in Scranton, Pennsylvania.

DR. CHARLES JACOB GREENSTEIN, M.D. '12, is a practicing physician specializing in eye, ear, nose and throat. He lives in New Britain, Connecticut. Dr. Greenstein has two daughters.

DR. MANUEL JANER, M.D. '12, is engaged in the general practice of medicine. He practiced in Puerto Rico until 1946. He now lives in New York.

HENRY E. SENCINDIVER, LL.B. '12, is a retired purchasing agent. Mr. Sencindiver lives in Wauchula, Florida.

DR. PHILIP JENIFER BEAN, M.D. '13, is a practicing physician. He lives in Great Mills, Maryland. Dr. Bean has four children.

CHARLES M. WHITE, Engr. '13, is honorary chairman of the board of Republic Steel Corporation. Mr. White joined Republic Steel in 1930 and became its president in 1945. In August

1956 he was elected chairman of the board, and was elected honorary chairman upon his retirement in 1960. Mr. and Mrs. White live in Shaker Heights, Ohio. They have one daughter.

DR. Joseph C. Carvalho, D.D.s. '14, is retired from the practice of dentistry. Dr. Carvalho has been the mainstay of the Maryland Dental Alumni in New England. He lives in Fall River, Massachusetts. He has four children.

DR. PAISLEY FIELDS, D.D.S. '13, is retired from dentistry, but still has some farming interests to keep him occupied. Dr. Fields lives in Fairmont, North Carolina.

DR. J. BEN ROBINSON, D.D.S. '14, is Dean Emeritus of the School of Dentistry of the University of Maryland. He served as dean from 1924 to 1953. He then served as the dean of West Virginia University's School of Dentistry until 1958. Dr. Robinson now lives in Lutherville, Maryland.

LLOYD R. ROGERS, Engr. '14, is a retired engineer. Mr. Rogers lives in Baltimore. He has two children.

HENRY HOOPER WATERS, LL.B. '15, is retired, but maintains some part time law practice. Mr. Waters was affiliated for many years with the Baltimore Transit Company. Until 1961 he was a Trust Officer for the Maryland National Bank. He is living in Baltimore and has three children.

DR. BARTUS T. BAGGOTT, M.D. '16, is a practicing physician. Until 1959 he was a Consultant Lung Specialist for several Maryland counties. Dr. Baggott lives in Baltimore.

JOHN C. STERLING, Engr. '16, retired in 1961 after 45 years with the Newport News Shipbuilding and Dry Dock Company. For 33 years he had been a superintendent. Mr. Sterling has four children and lives in Newport News, Virginia.

Hooper S. Miles, Ll.B. '16, is Chairman of the Board of the Maryland National Bank. Mr. Miles has been Treasurer of the State of Maryland since 1935. He lives in Baltimore and has two daughters.

KENNETH GRACE, Agr. '16, retired in 1956. Before that time he had worked for the Hibernia Bank and Trust Company and the U. S. Department of Agriculture. Mr. Grace lives in Easton, Maryland.

GODFREY CHILD, LL.B. '17, is Associate Judge of the First Judicial Circuit of Maryland. Judge Child has also been



State's Attorney for Worcester County. He lives in Pocomoke City, Maryland, and has two ehildren.

Col. Bernard Dubel., Agr. '17, is retired from a career in the U. S. Marine Corps. He also served as Commandant of Cadets at Porter Military Academy in 1954. Col. Dubel has one daughter and lives in Yemassee, South Carolina.

ROGER HOWELL, LL.B. '17, is Dean Emeritus, University of Maryland Sehool of Law. Dean Howell retired July 1, 1962, after 35 years of service to the University of Maryland and the State. He lives in Baltimore and has four children.

WILLIAM M. KISHPAUGH, Agr. '17, has been elected to the Board of Trustees of The Experiment in International Living in Putney, Vermont. The Kishpaughs have five children, and the much-traveled family has recently returned from their third round-the-world trip.

DR. ZACHARIAH R. MORGAN, M.D. '18, is a practicing doctor of internal medicine. He is living in Baltimore.

HENRY BEALE ROLLINS, LL.B. '19, is the Senior Partner of Rollins, Smalkin, Weston and Andrew. He is also Chairman of the Board of Johnson Motor Lines, Inc. Mr. Rollins lives in Baltimore.

H. S. Berlin, Engr. '19, died recently from a sudden heart attack at his home in La Marque, Texas. He is survived by his wife, Mrs. Mildred Berlin.

James W. Stevens, Agr. '19, is the owner of Stevens Brothers, Produce Commission Merchants. Mr. Stevens lives in Baltimore, and for many years he has served on the University of Maryland Alumni Council.

## 1920-1929

THEODORE L. BISSELL, Agr. '20, is an Extension Entomologist with the University of Maryland. Mr. Bissell has also served as an entomologist in Hawaii and Georgia. He has three children and lives in University Park, Maryland.

DR. CLAUD C. BURTON, M.D. '20, is the Chief of Surgical Service at the Veterans Administration Hospital in Lake City, Florida. Dr. Burton has three children. His son, Philip, is also a doctor.

DR. LOUIS C. DOBIHAL, M.D. '20, is a practicing physician. Dr. Dobihal has two daughters and lives in Baltimore.

DR. E. PAUL KNOTTS, M.D. '20, died at his home in Denton, Maryland, on November 3, 1962. Dr. Knotts began his practice in Denton in 1924 and became one of Maryland's outstanding physicians. He served on the Board of Regents of the University of Maryland from 1942 to 1953. He was 67.

HARRIET WILLETTE BLAND, Educ. '21, has retired after more than 38 years as a teacher of Home Economies. Miss Bland lives in Sparks, Maryland.

DR. CARL F. BENSON, M.D. '21, is a praeticing physician in Baltimore. Dr. Benson has three children. His son, John, is also a doctor.

AUSTIN DIGGS, B.P.A. '21, is a partner in Curtis Diggs, Estate Planning and Tax Analysis. Mr. Diggs lives in Baltimore. He has one daughter.



DR. FREDERICK R. DARKIS, A&S '22, is Director of Research for Liggett & Myers Tobacco Co. of Durham, North Carolina. Dr. Darkis has been awarded the 1962 Southern Chemist Award in recognition of his distinguished research in tobacco chemistry. Dr. Darkis received his Ph.D. in 1928.

EDWARD L. BROWNE, Agr. '22, is the Owner and Managing Director of Pompano Beach Travel Service. Mr. Browne lives in Pompano Beach, Florida.

CHARLES E. DARNALL, Engr. '22, is a retired engineer. He has been a Civil, Construction and Sanitary Engineer. In addition to Mechanical Engineering in 1922, Mr. Darnall earned a degree in Civil Engineering in 1928.

DR. WILLIAM J. FULTON, M.D. '22, is retired from the practice of medicine. He was the Medical Director of Gen-

eral Motor's Central Office in Detroit until 1959. Dr. Fulton has three children and lives in Queenstown, Maryland.

J. EDWARD BURROUGHS, JR., A&S '23, died on September 13, 1962.

James H. Harlow, 111, B.S. '23, Engr. '33, was appointed Vice President, Engineering and Research, Philadelphia Flectric Company in September, 1962. He had previously been Chief Engineer. Mr. Harlow lives with his wife in Lansdowne, Pennsylvania.

DR. T. R. BOWERS, M.D. '23, is in the general practice of medicine. Dr. Bowers has three children and lives in Bristol, Tennessee.

C. W. ENGLAND, Agr. '23, is the President and Director of The C. W. England Laboratories of Frederick, Maryland, and Washington, D. C. Mr. England was a professor of Dairy Manufacturing at the University from 1933 to 1944. His daughter graduated from Maryland in 1954. He lives in Silver Spring, Maryland.

W. C. Alford, D.D.S. '24, is a praeticing dentist in Knoxville, Tennessee. Dr. Alford has one daughter.

CHARLES E. PRINCE, Agr. '24, is retired after 38 years with the U. S. Department of Agriculture. Mr. Prince has two children. He lives in Seattle, Washington.

JEREMIAII D. SHEA, LL.B. '24, is an attorney at law. Mr. Shca lives in Hamden, Connecticut.

WIRT D. BARTLETT, Engr. '25, is the owner of Wirt D. Bartlett, Engineering & Surveying and a partner in the Bartlett Howe Company. Mr. Bartlett has two ehildren and lives in Centreville, Maryland.

MINNIE M. HILL, A&S '25, is the Assistant Executive Director of the Alexander Graham Bell Association for the Deaf. Miss Hill lives in Washington. D. C.

Addison E. Hook, Engr. '25, is a self-employed Civil Engineer. Mr. Hook has two children. He lives in Knoxville, Tennessee.

THEODORE R. McKeldin, I.L.B. '25, is an attorncy at law in Baltimore, Maryland. Mr. McKeldin served as Mayor of Baltimore from 1943 to 1947, and as Governor of Maryland from 1951 to 1959. He has two children.

ARTHUR E. BONNET, Engr. '26, is a Project Manager for the Bureau of Yards and Doeks of the Department of Navy. Mr. Bonnett has two children and seven grandchildren. He lives in Oakton, Virginia.

JEAN H. BRAYTON, Engr. '26, is the Municipal Deputy Town Engineer in Huntington, New York. Mr. Brayton has three daughters.

Tom A. Browne, A&S '26, is an attorney at law. Mr. Browne and his wife live in Waupaca, Wisconsin.

(Continued on next page)



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A. H. CLARK, A&S '26, is a Staff Supervisor with the C.&P. Telephone Company of West Virginia, Mr. Clark has two children. He lives in Charleston, West Virginia.

MIEL D. BURGEE. Educ. '27, is the Headmaster at the Charlotte Hall Military Academy. Mr. and Mrs. Burgee live in Charlotte Hall, Maryland.

HELEN BEYERLE HABICH, H.Ec. '27, is a homemaker living in Mt. Lakes, New Jersey. Mrs. Habich has been a nutritionist and Home Ec teacher. Her two daughters also attend the University of Maryland.

MYLO S. DOWNEY, Agr. '27, is the Director of the Division of 4-H Programs, Federal Extension Service of the U. S. Department of Agriculture. Mr. Downey has two sons and lives in College Park, Maryland. He is currently serving on the Alumni Council of the University of Maryland Alumni Asso-

MRS. GLADYS MILLER EATON, H.Ec. '27, is the Supervisor of the School Lunch Program of Allegany County. Mrs. Eaton earned her M.ED. from Penn State. She has two daughters and lives in Westernport, Maryland.

L. P. BAIRD, Engr. '28, is the General Plant Manager for the C.&P. Telephone Company of Virginia. Mr. Baird has two daughters. He lives in Richmond, Virginia.

A. WARD GREENWOOD, Engr. '28, is an Assistant Chief in the Programs Branch, Office of Engineering of the U. S. Bureau of Public Roads. Mr. Greenwood lives in Arlington, Virginia.

BERNARD FRIEDMAN, M.D. '28, is a practicing physician. Dr. Friedman has two children and lives in Brooklyn, New York.

EARLE P. CLEMSON, M.D. '28, is a surgeon. Dr. Clemson also earned his B.S. in A&S in 1924. He lives in Baltimore.

ELMER F. COREY, D.D.S. '28, is in the general practice of dentistry. Dr. Corey has two children. His daughter, Patricia Ann, graduated from the University in 1953. Dr. Corey lives in Baltimore.

FRED B. LINTON, JR., BPA '29, died October 29, 1962, in Winston-Salem, North Carolina. He was Executive Vice President of the Chamber of Commerce of Winston-Salem.

Joseph N. Corsello, M.D. '29, is a physician in private practice. He is also the Medical Director of the Providence Tuberculosis League. Dr. Corsello has two sons and lives in Providence, Rhode Island.

ROBERT L. EVANS, Engr. '29, is a Supervisory Examiner and Patent Examiner. Mr. Evans received his law degree from George Washington University in 1933. He has one daughter and lives in Arlington, Virginia.

BRUCE R. BILLMEYER, A&S '29, died on October 7 in a water accident near Charlestown, Maryland. Mr. Billmeyer was Assistant Director of Research of the Armstrong Cork Company. He was an expert in rubber chemistry.

1930-1939

CHARLES S. ARCHER, JR., A&S '30, is a lawyer and insurance broker. He is the owner of Charles S. Arthur & Associates. Mr. Archer has three daughters and lives in Baltimore, Maryland.

James Harrison Benner, A&S '30, is an insurance broker and attorncy. He has two daughters and lives in Bethesda, Maryland. Mr. Benner received his law degree from George Washington University in 1943.

R. DUNCAN CLARK, A&S '30, is an attorney at law. Mr. Clark lives in Chevy Chase, Maryland, and has two sons. He received his law degree from Harvard in 1933.

COL. JAMES D. DEMARR, Engr. '30, is a career officer in the U. S. Army. He is a Signal Officer with the First Army. Col. DeMarr has four sons and lives in New York.

MAJ. GEN. AND MRS. JOSEPH D. CAL-DARA, A&S '31, H.Ec. '34, are with the U. S. Air Force and an A.P.O. mailing address. Mrs. Caldara is the former Christine Finzel.

CRESTON E. FUNK, Engr. '31, is a Supervising Engineer with the D.C. Highway Department. Mr. Funk lives in Washington, D. C.

DR. PAGE COVINGTON JETT, M.D. '31, is a physician living in Prince Frederick, Maryland. Dr. Jett has two children.

REUBEN HOFFMAN, M.D. '31, is a practicing physician. Dr. Hoffman has two sons and lives in Baltimore.

MRS. ETHEL JEAN LAMOND BURRIS, H.Ec. '32, is a housewife. Mrs. Burris is the former Ethel Jean Lamond. She lives in Rehoboth Beach, Delaware.

GEORGE T. GROSSHANS, D.D.S. '32, is a practicing dentist specializing in orthodontics. Dr. Grosshans has four children and lives in Fairfield, Conn.

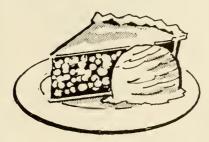
DR. AND MRS. ARTHUR B. HERSBERGER, A&S '32, PH.D. '36; Educ. '37, are living in Radnor, Pennsylvania. Mrs. Hersberger is the former Lucille Stinnett. Dr. Hersberger is the Director, Vice President and General Manager of Marketing for The Atlantic Refining Company. The Hersbergers have two children.

MRS. MINNA CANNON WILSON, A&S '32, died October 19, 1962, at George Washington University Hospital after a brief illness. Mrs. Wilson was very active in the Episcopal Church and for years served as an assistant registrar in Fairfax County. Mrs. Wilson leaves her husband and four children.

HAROLD E. CROWTHER, A&S '33, is the Assistant Director of the Bureau of Commercial Fisheries of the U. S. De-

(Continued on next page)

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partment of the Interior. Mr. Crowther received his M.s. from the University in 1935. He has one daughter and lives in Hyattsville, Maryland.

Dr. Albert C. Cook, d.d.s. '33, is a practicing dentist. He lives in Cumberland, Maryland. Dr. Cook's two children have both attended the University.

DR. LAURISTON L. KEOWN, M.D. '33, is a practicing physician. Dr. Keown has three children and lives in Baltimore.

GEORGE L. HOCKENSMITH, Engr. '33, has been appointed Manager of Industrial and Public Relations of the Syracuse plant of Allied Chemicals Solvay Process Division. Mr. Hockensmith is also on the executive committee of the Personnel Management Council of the Manufacturers Association of Syracuse.

J. WILLIAM STEINER, Engr. '34, has recently been appointed President and General Manager of the Art Metal Lighting Division of the Wakefield Corporation. Mr. Steiner, his wife and two children are living in Cleveland. He received his M.s. from M.I.T. in

DR. ALFRED E. CARHART, D.D.S. '34, is a practicing dentist. Dr. Carhart and his wife live in Cliffside Park, New

DR. D. DELMAS CAPLES, M.D. '34, is a practicing physician. Dr. Caples has four children and lives in Reisterstown, Maryland.

RICHARD W. OCKERSHAUSEN, Engr. '34, is with Allied Chemical's General Chemical Division. He has been appointed to the Board of Governors of the Water and Sewage Works Man-ufacturers Association. Mr. Ockershausen lives in Bergenfield, New Jersey.

DR. DOMINIC THOMAS BATTAGLIA, M.D. '35, is a surgeon. Dr. Battalgia has four children. He lives in Baltimore.

HAROLD J. BURNS, Engr. '35, is the Superintendent of the Service Department of the Washington Gas Light Company. Mr. Burns has four chlidren. He lives in Washington, D. C.

LAURENCE R. BOWER, Agr. '35, is a practicing osteopathic physician. He has three children and lives in Silver Spring, Maryland.

RIDGELEY B. BOND, A&S '35, is employed as a Chief Chemist. Mr. Bond has two children. His daughter, Cassandra, is now attending the University of Maryland. The Bonds live in Catonsville, Maryland.

Dr. and Mrs. Nathan Gammon, Jr., A&S '36, A&S '36, live in Gainesville, Florida. Mrs. Gammon is the former Dorothy Allen. Dr. Gammon is a soil chemist and Professor at the University of Florida. The Gammons have two children.

CHARLES L. COGSWELL, A&S '36, is Manager of the Government Division of General American Transportation Corporation. Mr. Cogswell has three children and lives in Oakton, Virginia.

DR. REID L. BEERS, M.D. '36, died on October 9, 1962. Dr. Beers lived in Glendale, California.

MRS. BERNICE SUGAR FLEISHMAN, Educ. '37, is the owner-manager of a ladies' shop as well as being a housewife. Mrs. Fleishman has three children. She lives in Lumberton, North Carolina.

MATHEWS J. HASPERT, Engr. '37, lives in Towson, Maryland. Mr. Haspert is the Chief of the Contracts Division of Baltimore County. He has one son.

DR. GILBERT E. TEAL, Engr. '37, has been elected president of Public Service Research, Inc., a subsidiary of Dunlap and Associates, Inc. Dr. and Mrs. Teal and their two children live in Newton, Connecticut. He holds doctorate degrees in both education and engineering science from New York University.

CHARLES W. FELTON, JR., Engr. '37, has been appointed superintendent of the blast furnace department of Bethlehem Steel Company's Lackawanna Plant.

COL. JOHN F. WOLFE, BPA '38, is serving as the Staff Judge Advocate in Headquarters, U. S. Army, Tyukyu Islands, Okinawa. His wife, Lois, is with him in Okinawa.

G. CLINTON BROOKHART, Engr. '38, is a partner in the firm of Brookhart & Tyo, Consulting Engineers. Mrs. Brookhart, the former Dorothy Roop, attended Maryland from 1938 to 1940. They have four children and live in Harrisburg, Pennsylvania.

MRS. DOROTHY COLEMAN FENZEL, Nurs. '38, is a Civil Service Staff Nurse. Mrs. Fenzel served in the Air Force Nurse Corps for eight years. She has a son and lives in Yuma, Arizona.

ABRAM Z. GOTTWALS, Agr. '38, is the recently appointed Assistant Vice President of the Salisbury National Bank. Mr. Gottwals will be in charge of agricultural relations. He is also currently serving on the Alumni Council of the University of Maryland.

JACK FELDMAN, Pharm. '39, is a pharmacist and owner of Mid-Way Drugs. Mr. Feldman lives in Chevy Chase, Maryland. He has two children. His son, Neil, is a junior at the University.

DR. ELIZABETH BESS CANNON, M.D. '39, is a clinician for Alameda County and Berkeley, California, Health Departments. Dr. Cannon is also married to a physician. The Cannons have five children and live in Berkeley, California.

MARGUERITE WILSON FOSTER, Nurs. '39, is an Associate Director of Nursing. Miss Foster lives in Timonium, Maryland. She served as a Captain in the Army Nurse Corps.

E. RUMSEY ANTHONY, JR., A&S '39, died of an apparent heart attack at Suburban Hospital in Bethesda on November 18, 1962. Mr. Anthony was the Chief of the Policy Office of the Air Force Intelligence Center. He was 44.

(Continued on next page)



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HERMAN RUSSELL KNUST, Engr. '40, Assistant General Manager of the Bethlehem Steel Company, Sparrows Point, has been elected president of the Association of Iron and Steel Engineers for 1963.

HARRY I. COHEN, Pharm. '40, is a pharmacist. Mr. Cohen and his wife, Lucille, have two children. They live in Fairfax, Virginia.

DR. LESTER H. CAPLAN, M.D. '40, is a practicing pediatrician and Instructor of Pediatrics at the University of Maryland School of Medicine. Dr. Caplan has two children and lives in Lutherville, Maryland.

CHARLES R. DISHAROON, BPA '40, is a partner in the insurance brokerage firm, Cook, Disharoon and Greathouse. Mr. Disharoon traveled 6000 miles to return for Homecoming in 1961. He lives in Lafayette, California. The Disharoons have three children.

MAJOR THELMA J. BJORKLAND, Nurs. '41, is a U. S. Air Force Nurse. Mrs. Bjorkland has been in the service since 1943. Her address is Forbes Air Force Base in Kansas.

MR. and MRS. JUDSON H. BELL, Educ. '41, A&S '41, have three children and live in College Park, Maryland. Mr. Bell is with the Secretariat Office of the Department of State.

DR. JEROME S. CULLEN, D.D.S. '41, is a dentist specializing in orthodontics. Dr. Cullen and his wife, Carmen, have two children. They live in Baltimore.

ALBERT J. CARRY, BPA '42, is a Certified Public Accountant and a partner in Carry and Carry. Mr. Carry lives in Washington, D. C. The Carrys have four children.

DR. JOHN J. MELI, M.D. '42, is a general surgeon in private practice. Dr. Meli and his wife, Edith, live in Naples, Florida.

CHARLES J. ECKENRODE, Educ. '42, is the Superintendent of Education and Vocational Training for the U. S. Bureau of Prisons in Washington, D. C. Mr. Eckenrode lives in University Park, Maryland. He has two children. His son, Charles, Jr., is a student at the University.

MRS. RUTH LEE THOMPSON CLARKE, H.Ec. '42, is a housewife living in Chevy Chase, Maryland. Mrs. Clarke has four children. She is currently serving on the Alumni Council of the University of Maryland Alumni Association.

DR. WILLIAM MASSIE TUNSTALL, JR., D.D.S. '43, died unexpectedly at his home in Roseland.

SIDNEY T. EFROSS, A&S '43, is a painting contractor living in Garrett Park, Maryland. He has two children. Mr. Efross earned his M.A. degree from Columbia in 1947.

WILLIAM M. EARECKSON, III, A&S '43, is a Senior Research Chemist with

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Phone—EXecutive 3-B120 815 TENTH STREET, N.W. WASHINGTON, D. C. the Textile Fibers Department of Du Pont. Dr. Eareekson received his PILD. from the University in 1950. He has four children and lives in Richmond, Virginia.

DR. R. ADAMS COWLEY, M.D. '44, is a Professor of Thoracic and Cardiovascular Surgery. Dr. Crowley has one daughter and lives in Baltimore.

DR. CHARLES EPSTEIN, D.D.S. '44, is a practicing dentist. He and his wife, Ruth, have two daughters and live in Baltimore.

DWIGITT O. FEARNOW, Engr. '44, is a Senior Helicopter Design Specialist with Lockheed in California. He and his wife live in North Hollywood, California.

LISLE H. SENSER, JR., Engr. '44, is a Mechanical Engineer, Corps of Engineers, Ballisties Missile Construction Office, Minuteman Directorate, Engineering Branch. He and his wife, Janice, live in Torrance, California. They have four children.

DR. HENRY F. MAGUIRE, M.D. '45, is a physician specializing in Ob-Gyn. He and his wife, Katharine, live in San Diego, California.

MRS. SONJA JOHNSON MAAS, Edue. '45, is a core teacher in Junior High School. Mrs. Maas has three sons and lives in Owensboro, Kentucky.

MRS. MURIEL MAIER SELPH. A&S '45, is the Executive Secretary and Treasurer of Maryland Independent Publishing Company, Inc., a Charles County newspaper. Mrs. Selph has two daughters and lives in Mt. Victoria, Maryland.

WILLIAM E. SCULL, JR., Engr. '45, is a Project Engineer for RCA Missile and Surface Radar Division at Kwajalein in the Marshall Islands. Mr. Scull has two children, and his home is in Haddonfield, New Jersey.

DR. HAROLD V. CANO, M.D. '46, is a practicing physician. Dr. Cano has five children and lives in Spotswood, New Jersey. He received his B.s. degree from the University in 1943.

JACQUELINE NITA ARPS, H.Ee. '46, is the Office and Sales Manager for a color slide firm. Miss Arps lives in Alexandria, Virginia.

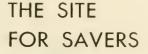
DR. CHARLES J. BOVE, JR., D.D.S. '46, is a praeticing dentist. He has four children and one due in December. Dr. Bove lives in Annapolis.

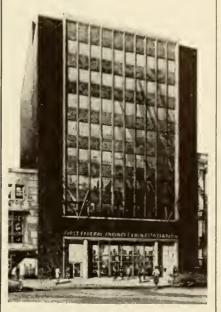
DR. J. PAULSON HUNTER, M.S. '46, is a practicing physician and surgeon. Dr. Hunter has eight children. His home is in Salt Lake City, Utah.

DR. DUANE L. GREENFIELD, M.D. '46, is a physician specializing in urology. Dr. Greenfield has five children and lives in Sioux Falls, South Dakota,

SYLVIA GRACE CARY, A&S '47, is a Medical Baeteriologist at Walter Reed Army Medical Center in Washington, D. C. Miss Cary lives in Hyattsville, Maryland. She received her M.S. degree from the University in 1958.

(Continued on next page)





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ARTHUR T. COREY, Agr. '47, is a Professor of Agricultural Engineering at Colorado State University. Dr. Corey received his Ph.D. degree from Rutgers University in 1952. He has two sons and lives in Ft. Collins, Colorado.

DR. CHARLES W. COX, D.D.S. '47, is a practicing dentist. Dr. Cox lives in Morgantown, West Virginia. He has one son.

HOWARD L. CROMWELL, Engr. '47, is Plant Manager of the Dixie Chemical Company. Mr. Cromwell has a daughter and lives in Houston, Texas.

SHELDON B. AKERS, Engr. '48, of the General Electric Company is the computer engineer who guided the development of the new G.E. computer BIPAD II. BIPAD II was developed to meet the extreme reliability needs of the space age. It repairs itself when breakdown occurs and keeps on giving answers without delay. An Electrical Engineering grad, Mr. Akers also received his M.S. from the University of Maryland in Math in 1952. He started with General Electric in 1956.

GEORGE W. COUCH, JR., A&S '48, is Sales Manager for Anheuser Busch, Inc. Mr. Couch has three sons. His home is in St. Louis, Missouri.

REX S. Fox, Agr. '48, is the Executive Vice President of The Fox Company. Mr. Fox and his wife, Carol, live in Vineland, New Jersey. They have two children.

WILLIAM H. HERITAGE, Agr. '48, is an Extension Associate in Soils at Rutgers University. Mr. Heritage has four children. He lives in Magnolia, New Jersey

RICHARD L. ELLIOTT, JR., Engr. '49, is the Chief Electrical Engineer for Maryland Shipbuilding and Dry Dock Company. Mr. Elliott and his wife, Patricia, live in Baltimore.

WILLIAM D. FAZENBAKER, LL.B. '49, is an attorney at law. He and his wife, Doris, live in Flint, Michigan.

ROBERT C. HAINSWORTH, BPA '49, is a Senior Bank Examiner for the Federal Deposit Insurance Company. Mr. Hainsworth has three children. He lives in Raleigh, North Carolina.

DONALD C. JOSEPH, Educ. '49, is a Sales Representative for C. H. Musselman Company. Mr. Joseph and his wife, Ruth, live in Silver Spring, Maryland.

#### 1950-1959

Andrew L. Haislip, Jr., BPA '50, is an attorney in the law firm of Hayes, Fitzgerald, Wanner, Haislip & MacHale. He has two children. Mr. Haislip lives in Hyattsville, Maryland.

KENNETH R. HANKIN, A&S '50, is a practicing podiatrist in Baltimore. He has two daughters.

WILLIAM H. KINNEAR, P.E. '50, is a truck tire representative for the B. F.

Goodrich Company. Mr. Kinnear has three children. His home is in Baltimore.

PAUL A. PUMPIAN, Phar. '50, 11...B. '53, is the Secretary of the Wisconsin State Board of Pharmacy. He is in charge of administering the State's Drug and Narcotic Laws. Mr. Pumpian recently participated in the White House Conference on Narcotic and Drug Abuse.

ARLIE P. BAKER, JR., BPA '51, is a U. S. Government Personnel Administrator, Wage & Classification Officer, Naval Ordnance Laboratory in Silver Spring, Maryland. Mr. Baker received his M.A. degree from George Washington University in 1954. He has two children and lives in Kensington, Maryland.

WILLIAM J. BIEHL, JR., BPA '51, has joined Formica Corporation's district sales office in Miami. Mr. Biehl recently completed a sales training program at Formica's headquarters in Cincinnati.

WILLIAM E. RINEHARDT, P.E. '51, has been appointed assistant claim superintendent in the Eastern Region office of the State Farm Mutual Automobile Insurance Company. Mr. Rinehardt lives in Charlottesville, Virginia, with his wife and two children.

EARLE R. MARDEN, JR.. Engr. '51, has joined the legal staff of Dorr-Oliver Incorporated at the company's international headquarters in Stamford, Conn. Mr. Marden received his law degree from George Washington University in 1957. Mr. and Mrs. Marden and two sons live in Darien, Connecticut.

CAPT. NICHOLAS C. NICHOLAS, A&S '52, is an officer in the U. S. Air Force. Capt. Nicholas has two daughters. He lives in Fort Worth, Texas.

IVAN B. OSHRINE, A&S '52, is a Medical Representative and Territory Manager. He has two children, and his home is in Baltimore.

JOHN ALAN RICHARD, Engr. '52, is an Assistant Division Engineer in the District of Columbia Division of the U. S. Bureau of Public Roads. He has four children and his home is in Silver Spring, Maryland.

James L. Tobin, A&S '52, Ll.B. '57, has been appointed as subcontract administrator by Electro-Mechanical Research, Inc. Mr. Tobin's duties are concerned with subcontract administration for Project Dyna-Soar, the USAF-NASA manned space glider.

ARTHUR CLARENCE SAMPSON, JR., BPA '53, is a financial accountant. Mr. Sampson lives in Hyattsville, Maryland. He has three children.

DR. HENRY ROBERT SATZGER, D.D.S. '53, is a practicing dentist. He has one son. Dr. Satzger and his wife, Florence, live in Dover, New Jersey.

JOHN HUNTER SHOEMAKE, BPA '53, is Accounting Manager of Revenue Accounting Machine Section of the C. & P. Telephone Company. Mr. Shoemake

(Continued on next page)



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has four children. His home is in Silver Spring, Maryland.

DR. THOMAS W. SKAGGS, M.D. '53, is a surgeon in private practice. He is also the physician in charge of the Emergency Room at Jackson Memorial Hospital. Dr. Skaggs has two children. He lives in Miami, Florida.

CLAUD A. ALSOP, BPA '54, recently assumed duties as Program Evaluation Analyst in the Office of the Controller with the U. S. Agency for International Development in Washington. Mr. Alsop also serves as city councilman of Carrollton, Maryland. He has three children.

ALICE ANN GATES, Educ. '54, is a retired teacher. Miss Gates lives in New Iberia, Louisiana. She served as an officer in the WAC in World War II.

MR. AND MRS. JOHN H. GUENDER, A&S '54, H.Ec. '54, live in Newtown Square, Pennsylvania. Mr. Guender is a Project Engineer for the Bell Telephone Company of Pennsylvania. Mrs. Guender is the former Mary Anne Evans. The Guenders have three children.

CAPT. AND MRS. PAUL J. HANSEN, JR., BPA '54, H.Ec. '52, are currently living in Jacksonville, Arkansas. Mrs. Hansen is the former Elizabeth Mae Joseph. Capt Hansen is an Aircrew Commander in Strategic Air Command bombers. The Hansens have one daughter.

RUTH STANLEY KUNTZ, Educ. '55, married J. Kenneth Kuntz on July 7, 1962. Mr. Kuntz is a Methodist minister. They are living in New York City while Mr. Kuntz works on his doctor's thesis.

James J. Lohr, BPA '55, is a Dealer Salesman for the Humble Oil and Refining Company. Mr. Lohr has three sons. The latest, William Scott, was born in October. The Lohrs live in Hyattsville, Maryland.

RONALD FISHER McDonald, JR., A&S '55, is an attorney in the law firm of Ballman and McDonald. Mr. McDonald has three children. He received his law degree from George Washington University in 1958. The McDonalds live in Wheaton, Maryland.

MRS. ELSIE VIRGINIA IRVINE, Educ. '56, retired from teaching in June, 1962. Mrs. Irvine has one son and her home is in Chevy Chase, Maryland.

HARUKO ISHIYAMA, Agr. '56, is a secretary in the Bureau of Land Management of the Department of Interior. Miss Ishiyama lives in McLean, Virginia.

GERSHON KEKST, A&S '56, has recently been appointed Vice President of Ruder & Finn Incorporated, a New York public relations firm. Mr. Kekst worked in Washington radio and television before joining the firm in 1959.

DR. NORMAN D. KISAMORE, D.D.S. '56, is a practicing dentist in Baltimore.

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Dr. and Mrs. Kisamore have three children. He has just published his first book . . . on horse racing.

VIRGINIA CRONIN, A&S '57, M., A&S '60, is working on her doctor's degree at Cornell University.

Jack S. Parezo, Engr. '57, has been promoted to captain and is assigned to the 966th Airborne Early Warning and Control Squadron at McCoy A.F.B. in Florida.

GERARD HENRY SCHLIMM, Engr. '57, is now an Assistant Professor in the Department of Engineering at the U.S. Naval Academy at Annapolis. Mr. Schlimm taught in the University's Department of Mechanical Engineering for two years before assuming his new position at the Naval Academy. He has an M.s. from Newark College of Engineer-

M. VIRGINIA STANLEY WIGGINS, Educ. '57, married Army Captain Ralph G. Wiggins. They live in Bethel, Ohio.

DAVID S. BAND, BPA '58, is serving as an officer in the USAF and has been assigned as Claims and Tax Officer, Judge Advocate General's Office, Elgin A.F.B. in Florida. He received his LL.B. from George Washington University.

JOHN ADAM BESEL, A&S '58, LL.B. '60, is with the claim department of the State Farm Mutual Insurance Company. Mr. Bensel is married to the former Jeannette N. McPherson, also a Maryland grad.

Dr. Thomas C. Montie, M.S., A&S '58, has been named an Assistant Member of the Research Laboratories of Philadelphia's Albert Einstein Medical Center. Dr. Montie will serve as an investigator in a study into the "Mechanism of Action of Microbial Toxins. He received his PH.D. from the University of Maryland in 1960. Dr. and Mrs. Montie have two children.

MARGARET F. SHERWOOD, M.S., PH.G. '58, is spending a year in Peru working on Project Hope. Miss Sherwood's home is Leetonia, Ohio.

GEORGE W. TOWNSEND, BPA '58, has been appointed a brokerage consultant at the Youngstown brokerage office of Connecticut General Life Insurance Company. Mr. and Mrs. Townsend and their son live in Youngstown, Ohio.

Don E. Zieg, Mil.Sci. '58, retired from the U.S. Army June 1, 1962, and is now Vice President and Public Relations Counsel with the Conner Advertising Agency, Inc., of Denver, Colorado.

WALTER K. HERR, Engr. '59, is a Sales Engineer at the home offices of the Trane Company in La Crosse, Wisconsin. Mr. Herr recently completed a three-year tour of duty as an officer in the U. S. Air Force.

LT. NICHOLAS A. KECK, A&S '59, has been assigned to a Strategic Air Command unit at Lincoln A.F.B., Nebraska.

(Continued on next page)

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REGINA EVA SROKA, Nurs. '59, is a Clinical Instructor in Pediatrics. Miss Sroka lives in Baltimore.

WILLIAM N. TAYLOR, JR., A&S '59, is the Advertising Manager for the Orange *Review*. Mr. Taylor has one daughter and his home is in Orange, Virginia.

#### THE SIXTIES

GEORGE W. DALLEY, A&S '60, has been assigned to Laos as the Community Development Advisor for the U. S. Agency for International Development.

JOSEPH F. METZ, JR., A&S '60, has been named acting resident director of the Mont Alto campus of Pennsylvania State University. Next summer he will assume the post of Dean of Student Affairs.

ELLIOTT J. ALPHER, A&S '61, is a second year student at the Georgetown University Dental School. Mr. Alpher lives in Takoma Park, Maryland.

CHARLES A. COCKEY, BPA '61, has recently been appointed Director of Public Relations at Washington College in Chestertown. For the past two years Mr. Cockey has been on the public relations staff of the Baltimore Community Chest-Red Cross United Appeal.

DR. RAY E. HIEBERT, M.A. '61, Ph.D. '62, has been appointed Chairman of the Department of Journalism and Public Relations at American University. Dr. Hiebert has written a book and numerous magazine articles. He lives with his wife and three children in Kensington.

THOMAS F. MORRISSEY, BPA '61, is Vice President and Director of Manufacturing and Operations for Utronics,

Inc. Mr. Morrissey is also serving on Governor Rockefeller's Advisory Committee on Labor Surplus Areas.

DR. JOHN B. WACHTMAN, JR., PH.D. '61, has been appointed Chief of the Physical Properties Section of the National Bureau of Standards, U. S. Department of Commerce. Dr. Wachtman did his undergraduate work at Carnegie Institute and received his Ph.D. in physics from the University of Maryland

MAJOR MICHAEL G. ZIFCAK, U. C. 61, has joined the Army ROTC detachment at the University of Detroit as an executive officer.

RON CECCARELLI, Engr. '62, is an electrical engineer at General Electric's Communication Products Department at Lynchburg, Virginia.

MAJOR JOSEPH B. HANNAUER, U. C. '62, died August 12, 1962, while on vacation in Canada. Major Burroughs. retired, was the former post adjutant at Fort Meade. He and his wife lived in Laurel, Maryland.

HAROLD O'FLAHERTY, A&S '62, is in the graduate program of the School of Social Welfare of Florida State University.

E. PAUL SECHRIST, JR., Agr. '62, has entered Louisville Seminary to study for the Bachelor of Divinity degree.

OSCAR RAY VASS, Engr. '62, is employed by the U. S. Naval Ordnance Laboratory at White Oak, Maryland. Mr. Vass is with a design group which deals with underwater mechanisms.

PAUL WESTIN, E.E. '62, is Associate Engineer with Lockheed Missiles and Space Company in Sunnyvale, California. He is pursuing graduate work parttime and expects to have his Master's degree by September, 1964. Mr. Westin lives in Santa Clara, California.

#### DOROTHY O. YOUNG

Dorothy Young, a 1926 graduate, recently died of a heart attack. She was a native of Montgomery County and spent 36 years in the County school system, and was a pioneer in the field of student guidance. At the time of her passing she was Vice Principal of the Bethesda-Chevy Chase High School, and one of the most respected educators in the County. The following tribute was written by one of her closest friends, Dean Adele Hagner Stamp.

Materlinek has said "The dead are dead only when we stop talking about them" so our Dorothy Young will never die. The important thing to remember is not that she died but that she lived. Her life was one of service to others until the end. Her honesty, loyalty, integrity and friendliness were apparent to all who came in contact with her. She had that rare gift of always bringing out the best in everyone. She touched our lives to finer issues and gave to us of her own vibrant strength and purpose. We shall always miss her. Her place can never be filled by another and she will always live on in the grateful memories of her students and friends as an inspiration.

Forty years ago when she came to Maryland as a freshman she smiled her way into my heart, there always to remain forever lovely.—A.H.S.

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- "...The results...
- "... The single most reliable predictive indicator of a college graduate's success in the Bell System is his rank in his graduating class.
- "A far greater proportion of high-ranking than low-ranking students have qualified for the large responsibil-

- ities....While a relationship does exist between college quality and salary, rank in class is more significant...
- "...What about extracurricular achievement?...Men who were campus leaders reached our top salary third in slightly greater proportion than those who were not. But it is only real campus *achievement* that seems to have any significance. Mere participation in extracurricular goings-on does not...
- "...What we have here, as I said before, are some hints—rather strong hints—about where to spend the most time looking for the men we do want, the men with intelligence plus those other attributes that give you the feel, the sense, the reasonable confidence that they will make things move and move well....They want to excel and they are determined to work at it...
- "...Business should aspire to greatness, and search diligently for men who will make and keep it great..."

Frederick R. Kappel, *Chairman of the Board* American Telephone and Telegraph Company

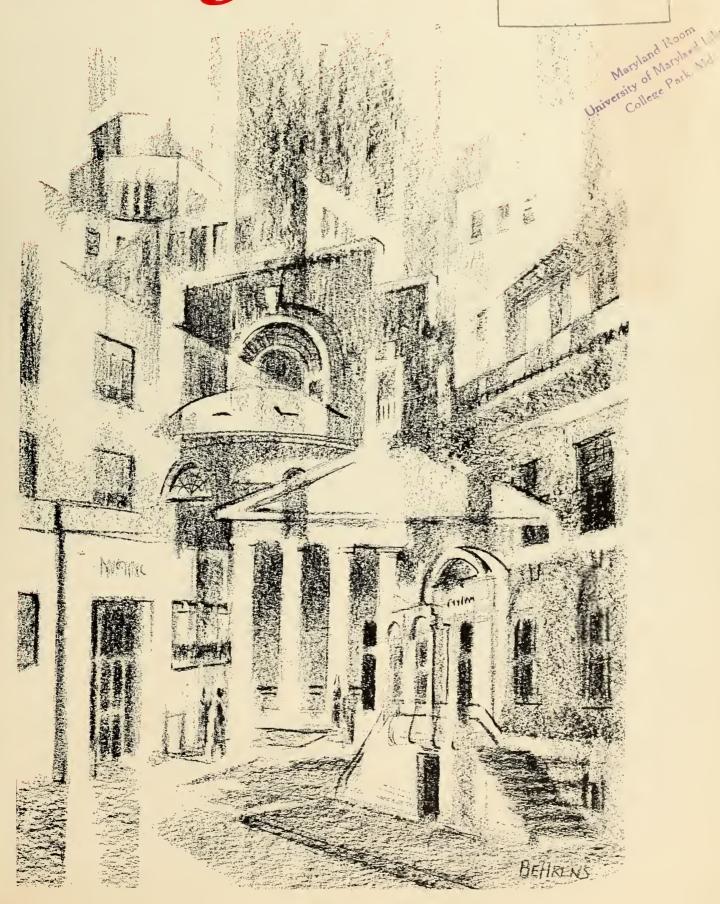


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SCANDINAVIA \$975—England, Scotland, Norway, Sweden, Denmark, Germany, Holland, Belgium, and France.

Complete Tour or "Flight Only" Information. Contact Victor Holm, Alumni Office, U. of Md., College Park or call AP 7-5745

# the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXV

Number 2



The Cover: As promised in the last issue, we present an imaginative view of the Baltimore eampus drawn by artist Howard Behrens, Arts and Sciences '61. Professional schools alumni will immediately recognize the architectural features which the artist has emphasized. The illustration is especially appropriate to this issue which carries a photographic essay "An Interne's Friday Night," beginning on the next page. In the January-February issue we published an illustration by Behrens representing the College Park campus. For purposes of comparison, both are reproduced in miniature here. The Baltimore cover was drawn with charcoal; the College Park cover with ink—scratch board. Again, we will be pleased to send an 8 x 10 photograph of the cover illustration without commercial message and without cost. The response to our offer of copies of the College Park illustration was gratifying.



2 An Interne's Friday Night

 $1\,1\,$  The Alumni Diary

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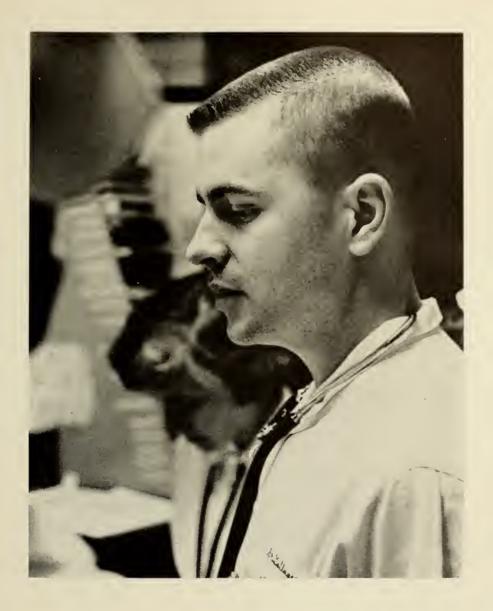
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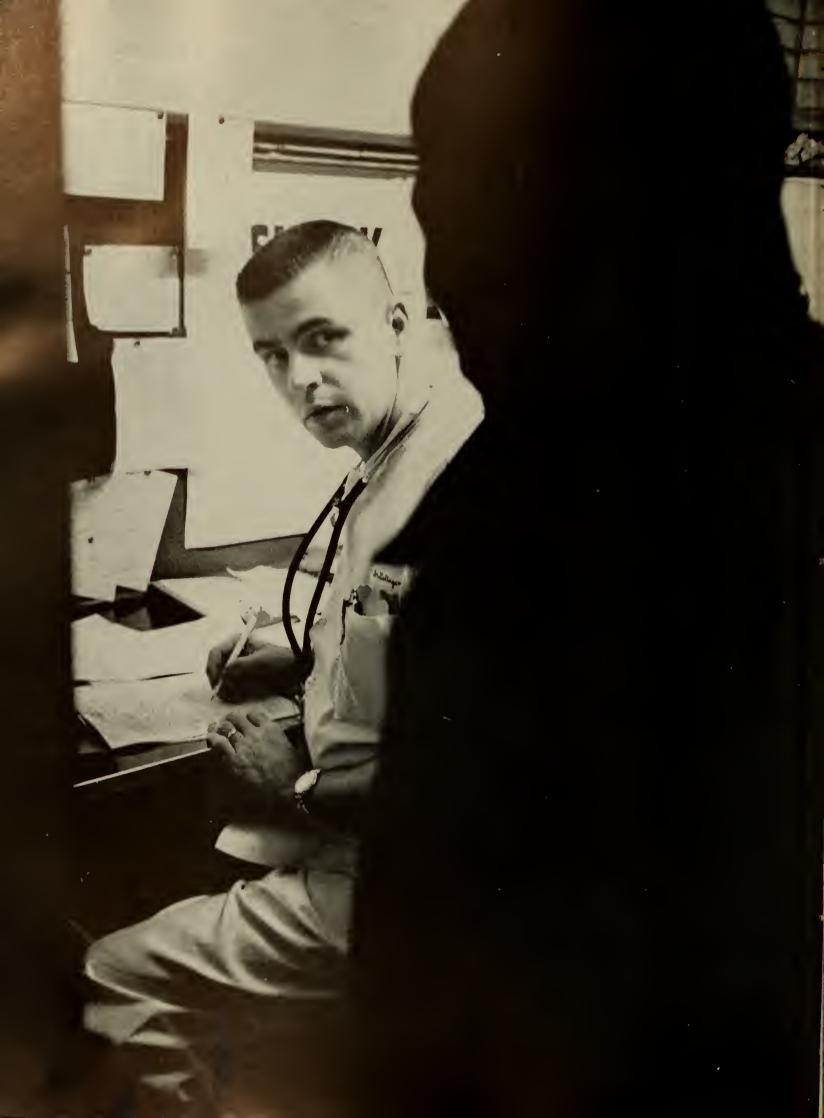




# An Interne's Friday Night

Doctor Lawrence Raymond Gallager is an interne at University Hospital. He is 28, married, and a father. This is the photographic record of one of his nights in the Accident Emergency Ward at the Hospital.

It is a Friday night in October. Dr. Gallager's medical challenges—cut wrist, smoke inhalation, loss of an eye, heart attack, assorted head injuries and others—end only when the last report is filed and the night is quiet.





Doctor Gallager was born in West Chester, Pennsylvania. He received his premedical education at Haverford College where he majored in biology. He worked as a student assistant in embryology where he assisted with the laboratory courses in his junior and senior years. In extracurricular activities he was athletically inclined but due to a serious head injury that was incurred in football during his freshman year in college he had to relinquish his desire for active participation in sports and become the manager of the fencing team and varsity football. He rounded out his extracurricular activities by participating in an active way in Haverford's social events. He married during his junior year in college, and entered the University of Maryland School of Medicine in September 1958 as a serious student knowing much about the society he was preparing to serve.

In the School of Medicine, Doctor Gallager stood scholastically in the upper third of his class, was elected to A.O.A., and won the Theodore E. Woodward Award for excellence in Internal Medicine upon graduation. Doctor Gallager chose to intern in University Hospital in Internal Medicine and during the past year, in addition to fulfilling the demands of this educational program, has begun to participate in the research programs in Cardiology. He plans to continue his education in Internal Medicine and the School has high hopes that he will one day be an important teacher and a medical specialist of note.

March-April, 1963



# A LITTLE







# BOY IS MENDED







The terror of pain and the unknown flees before the quick skill of the interne

March-April, 1963







#### MEDICAL EDUCATION

Health is more than the absence of disease, injury, or malfunction of the body and its parts. The adjustment of the individual to the requirements of society and to environment are also important factors with a strong influence on health.

The premedical period is one in which a broad education must be obtained with considerable development in the biological and physical sciences. This must be accompanied by the individual maturing to the point where he has a great appreciation of the social sciences, and society.

The educational period in the medical school is largely used in a further development of the individual's knowledge in the sciences as they apply to health and the development of sensitivity and judgment in the recognition of disease and injury and/or defective malfunction of the mind and body of the patient.

The post M.D. (intern and residency) period of education is largely used in the development of knowledge and skills in limited fields of medicine such as general practice, pediatrics, obstetrics, surgery, or psychiatry. It is also the period where experience and studious reexamination of information and experience does much to mature the judgment of the physician.

When formal education ends the physician must be so conditioned and devoted to the welfare of his patients that he continues to be a critical and an imaginative student of medicine for the remainder of his professional life.

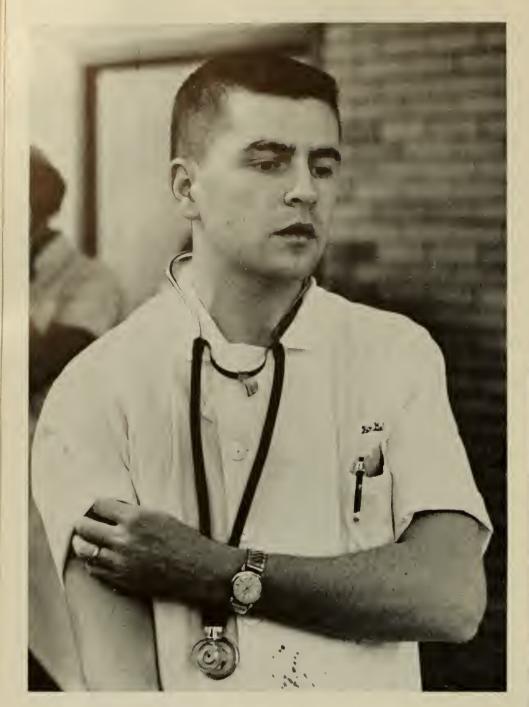
The School of Medicine continues to devote its energies and talent to these objectives and to provide the proper environment and stimulation for the able student to excel in his profession. The development of the new basic science area in Howard Hall, the expansion and improvement of University Hospital and its clinics, the new Health Sciences Library, and the Student Union are important factors in improving the educational opportunities in medicine and related health professional fields on the Baltimore Campus. These, coupled with a talented faculty doing work in teaching and research, promise much for the student that selects Medicine for a career.













# THE NIGHT ENDS

Then, home for supper and, the next day, a romp with his son



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Washington County

Washington County— Charles B. Huyett, A&S '53



# A LUMNI DIARY

C LASS REUNIONS ARE NOT SPECTACULAR. THIS CONCLUSION, REACHED BY a number of "professional alumni workers," has some merit, unless you happen to be a party to a reunion. This is my twenty-fifth. My class president has responded with "Your letter sent me back to the Yearbook for a lot of perusing, reminiscing and wondering."

May 11, a Saturday, will be a day for dusting off old memories. It will be Alumni Day on the College Park campus. Graduates of the professional schools will for the most part concentrate on early June activities. Special reunions with the usual "Five Year" emphasis are being planned. For some the effort to return may be too great, the distance too far, or the event too un-spectacular.

Let us see what it means to a nurse from the Class of 1903. From her hospital bed, where she is recovering from a fall which broke her hip, she says "I'll walk in for my Sixtieth Reunion." Or to a class president, now a colonel, "63 arrived a lot faster than expected. It will be a tremendous experience to see those guys and gals we used to know; to feel again that surge of youthful spirit and to leave immeasurably and mysteriously strengthened."

Such reactions emphasize the importance of keeping alive the reunion pattern as long as there are alumni who want to return. Athletic events, planned tours, special meals, and other festivities have significance to alumni, but eannot compare to a warm handshake and the familiar "remember when we . . . . . . ?"

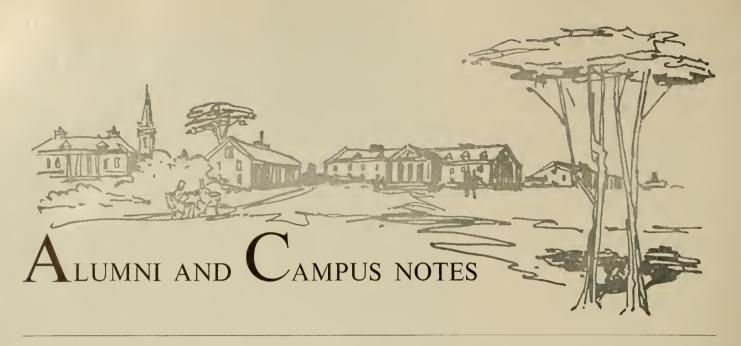
After the pranks and close ealls have been adequately reviewed, there will be brief reaction to the eye-eatehers in the form of many new and imposing buildings. Soon, however, these will become more familiar and somewhat less meaningful. There will follow more serious talk concerning children and grandchildren. A few will recall quite proudly that their University is one of the oldest, as well as one of the largest. A convincing voice will have something to say about the responsibility of the University to teach and to provide leadership. The alumnus of every age recalls the youngster finding his way to a strange campus for that first self-conscious glimpse of the home-to-be through at least four years of college.

Time has passed and many alumni are strangely different. There must of necessity be remarks about hair lines, waist lines, and face lines. The physical characteristics have changed, just as the face of the University campus has been altered. Still, young and old agree on the responsibility and purpose of the University.

Ten, twenty or fifty years ago, the University had a responsibility to emphasize the dignity and worth of the individual. In our American way-of-life it becomes the charge of the educator to convey this concept of dignity and worth to our youth in such a way that they will not only know it and believe it, but also live it.

The returning alumnus, by action and conversation, will let those around him know that he is aware of his dignity and his worth. He will let us know that loyalties are founded in knowledge and are rooted in the traditions and ideals of the sources of this knowledge.

Reunions may not be spectacular, but they do recall the patient direction given by a few to whom the dignity of the individual and the development of the mind were important. Reunion time is for remembering, for enjoying, and for dreaming.



#### UNIVERSITY CALENDAR OF ACTIVITIES

#### APRIL

- 11 Easter Recess Begins After Last Class.
- 11 Golf, Hopkins, Home.
- 11 Lacrosse, New Hampshire, Home.
- 12 Baseball, South Carolina, Home.
- 13 Track, Duke, Away.
- 13 Baseball, South Carolina, Home.
- 15 Baseball, Clemson, Home.
- 15 Lacrosse, Duke, Away.
- 16 Baseball, Clemson, Home.
- 16 Easter Recess Ends, 8 a.m.
- 17 University of Maryland Symphony.

- 19 Baseball, Duke, Away.
- 19 Miriam Makeba Concert.
- 19 Tennis, Wake Forest, Away.
- 20 Baseball, Wake Forest, Away.
- 20 Track, North Carolina, Home.
- 20 Lacrosse, University of Baltimore, Home.
- 20 Tennis, North Carolina, Away.
- 22 Golf, Wake Forest, Home.
- 23 Baseball, Virginia, Away.
- 23 Golf, North Carolina, Home.
- 23 Tennis, Virginia, Home.
- 24 Tennis, Hopkins, Away.
- 26 Baseball, North Carolina, Home.
- 26 Golf, Penn State, Home.

- 26-27 Track, Penn Relays, Philadelphia.
  - 27 Baseball, North Carolina State, Home.
  - 27 Lacrosse, Navy, Away.
  - 27 Senior Class Presents: Peter, Paul & Mary.
  - 27 Tennis, Navy, Home.
  - 29 Baseball, Penn State, Home.
  - 29 Golf, Duke, Home.
  - 30 Tennis, Duke, Home.
  - 30 Band Concert.

#### Faculty Members Receive Academy of Science Awards

Two University of Maryland faculty members have received Awards for Scientific Achievement in 1962, presented by the Washington Academy of Sciences in February at the 65th annual dinner meeting in the John Wesley Powell Auditorium in Washington, D. C.

The winners were Dr. Bruce L. Reinhart, Associate Professor of Mathematics, in the field of mathematics, "for his contributions to the topology of differentiable manifolds"; and Dr. Edward A. Mason, Professor of Molecular Physics, in the field of physical sciences, "for his many outstanding contributions to the topology of differentiable manifolds."

Dr. Reinhart and Dr. Mason were introduced by Dr. Wilson H. Elkins, President of the University.

General Chairman of the Committee on Awards for Scientific Achievement was Dr. John S. Toll, Head of the Department of Physics and Astronomy at the University. Dr. George Anastos, Head of the Zoology Department, served on the Panel on Biological Sciences, Dr. Leon Cohen, head of the Mathematics Department, served on the Mathematics Panel, and Dr. Ellis R. Lippincott, Professor of Chemistry, served on the Panel on Physical Sciences.

University of Maryland recipients of Academy of Science awards in previous years included: Dr. San-ju Shen, 1958, engineering sciences, "in recognition of his pioneering work on panel flutter and boundary layer theory"; Dr. Helen Garstens, 1958, teaching of science field, "in recognition of outstanding teaching of mathematics," and again in 1960, "for scientific achievement in the development of curriculum materials in teacher training"; Dr. Richard A. Ferrell, 1960, physical sciences, for his

"contribution to the theory of collective effects in nuclei and solids"; Dr. Robert W. Krauss, 1961, biological sciences, a "pioneer in the applied development of algaes... an inspiring teacher and colleague"; Dr. Ralph D. Myers, 1961, teaching of science field, "for outstanding contribution to post graduate education of area physicists"; and Dr. Lawrence Payne, 1961, mathematics, for his "contribution to theory of partial differential equations."

Dr. Geoffrey F. Ludford, a 1959 winner in the field of mathematics, is now a Professor at Cornell University in Ithaca, New York, and Dr. Joseph Weber, Professor in the Department of Physics and Astronomy and a 1957 award winner in the field of engineering science, is presently on leave from the University to the Institute for Advanced Study in Princeton, New Jersey.

# Some Recent Grants to the University

For an undergraduate instructional scientific equipment program.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF CHEMISTRY \$17,500.

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For support of an elementary school science eurriculum study.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF PHYSICS \$40,250.

:/:

For forgivable loans to doetoral students.

FORD FOUNDATION TO COLLEGE OF ENGINEERING \$25,000.

\*

For research in the application of mathematics to biological problems.

U.S. NAVY TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS \$21,395.

\*

For studies on imunochemistry of filarial infections.

WORLD HEALTH ORGANIZATION TO DE-PARTMENT OF ZOOLOGY \$5,000.

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To extend research on GM tubes.

BUREAU OF SHIPS, NAVY DEPARTMENT TO DEPARTMENT OF PHYSICS \$30,000.

\*

For a study of agricultural education in the United States.

Carnegie Corporation of New York to the University \$200,000.

\*

For research on boundary layer instability and transition.

U.S. AIR FORCE TO INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS \$36,695.

de

To support study of basic mechanisms by which the brain regulates reproductive processes.

NATIONAL INSTITUTES OF HEALTH TO SCHOOL OF MEDICINE \$119,254.

\*

For study of species variation in blood protein patterns.

NATIONAL SCIENCE FOUNDATION TO DE-PARTMENT OF ZOOLOGY \$14,800.

## 73 Alumni Employed in Baltimore Firm

There are 73 University of Maryland alumni presently employed at the Baltimore Gas and Electric Company. They include:

Electrical Engineering-G. V. Bresnick, '48, M. C. Albrittain, '23, E. S. Bailey, Jr., '50, R. H. Lund, '55, W. W. Ward, Jr., '52, A. A. Smith, Jr., '51, F. H. Rogers, '25, E. H. Engelbert, '47, J. C. Gorub, '49, E. S. Hawkins, '47, J. A. Herold, '35, R. Berg, '59, J. J. Wright, '60; Civil Engineering-M. E. Griffith, '55, R. H. Kent, '43, R. G. Warner, '28, P. Hahn, '56, H. T. Rochl, '51, D. T. Ward, '62; Mechanical Engineering-G. F. Steinmetz, Jr. '49, G. V. McGowan, '51, W. G. Melvin, '23, C. W. Mcyer, '41. A. A. Hall, Jr., '50, A. E. Lundvall, Jr., '50, P. A. Maloney, '51, J. E. Aldridge, '34, F. Martin, Jr., '50, E. L. Poffenberger, '58, M. L. Peterson, Jr., '47, L. J. Fosler, '60, R. E. Yost, '62; Chemical Engineering-R. Z. Spitznas, '57.

Law—J. J. Doyle, '24, N. M. Calloway, '25, B. Chambers, '25, I. F. Freed, '29, M. Goldstein, '29, B. T. Zamanski, '30, W. H. Driver, '31, C. H. Gundersdorff, '32, A. E. Penn, '34, O. K. Boyd, '38, F. E. Rugemer, '43, P. W. L. Disney, '48, B. H. Bishop, '50, D. Eidman, '50, L. A. Beck, Jr., '51, E. W. Koeh, '52, B. C. Trueschler, '52.

Marketing-C. E. Kohlhaus, '52; Agrieultural Education-C. W. St. Clair, '43; Business Administration—R. A. Clemens, '54, D. R. Chesser, '50, S. M. Kriel, Jr., '54, L. E. Delcher, '60; Industrial Education-R. A. Diehl, '57, C. L. Nelson, Jr., '43; Political Science —J. C. Wasten, '52; Personnel—W. C. Orndorff, Jr., '51; Agriculture-B. H. Miller, '28; Economics—W. A. Streett (M.A.), '28; Mathematics and Science— E. M. Gordy, '39; Education—J. M. Files, '57, D. R. Smith (M.s.), '53; History-I. V. Cockerham, '47; Chemistry-E. F. Wolf (M.s.), '28; Medicine -W. T. Muse, '40; Horticulture-I. O. Bauer, Jr., '50; Sociology—M. W. Herbst, '59, A. P. Grape, '51; Home Economics-N. Beryk, '61; Philosophy -J. E. Plumhoff, Jr., '62,

#### Mr. McCormick Serves as Crusade Bowl Chairman

Charles P. McCormick, Chairman of the University's Board of Regents and of McCormick and Company, served as an Honorary Chairman of the first annual Caneer Crusade Bowl football game in Memorial Stadium on January 6.

Serving with Mr. McCormick were Governor Tawes, Judge J. Harold Grady, and Phillip H. Goodman, Mayor of Baltimore.

# Alumnus Appointed to International Post

Paul A. Pumpian, A&S '48, Pharm. '50, LL.B. '53, formerly an Assistant Professor at the School of Pharmacy where he lectured in jurisprudence, was recently appointed Chairman of the Law and Legislative Committee of the International Narcotic Enforcement Officers Association.

Mr. Pumpian, who is both a pharmacist and an attorney, is charged with administering Wisconsin's Drug and Narcotic Laws. He is currently serving as Chairman of the Committee on Legislation of the National Association of Boards of Pharmacy and as a member of the Drug Law Committee of the American Bar Association. He has served as Chairman of the American Pharmaceutical Association's Section on Education and Legislation and as a member of the Association's Committee on Legislation.

#### Alumni Awarded Gold, Silver Medals

Abner Brenner, Ph.D., Chemistry, '39, was among four employees of the National Burcau of Standards who recently received the Department of Commerce Gold Medal Exceptional Service Award for 1962. This is the highest honor conferred on employees by the Department for outstanding contributions to the public service, the nation or humanity.

Mr. Brenner received his award "for contributions of the highest order to the development of the technology of electroplating and its application to problems in industry and government."

Another alumnus, Thomas W. Mears, B.S., Chemistry, '35, was one of 18 staff members at the Bureau who received Silver Medal Meritorious Service Awards for services of unusual value to the Department. His award was presented "for meritorious researches in synthesis, purification, and analyses during a long period of time, and for development of a number of superior standard reference materials and methods."

The Gold and Silver Medal winners received their awards in February from Secretary Luther H. Hodges at the 15th Annual Awards Program of the Department of Commerce.

#### Pharmacy Alumni Dance

The Sixteenth Annual Frolie of the Alumni Association of the School of Pharmacy was held in the Straus Auditorium in Baltimore on November 8. The audience, numbering approximately

CONTINUED ON PAGE 20



### 35 Students Enrolled in Honors Program

THIRTY-FIVE STUDENTS ARE ENROLLED IN THE HONORS program, recently established by the College of Arts and Sciences to encourage superior academic performance. Enrollment by departments is English, nine; History, six; Foreign Languages, two; Mathematics, nine; Physics, seven; and Psychology, two.

To be admitted to the honors program, a student must meet a minimum grade average of better than B. In addition, students are carefully screened by a departmental honors committee to determine if they have the ability and maturity to work independently and responsibly.

At Commencement Exercises last June, some 13 students enrolled in the honors program won departmental honors: English, high honors—one student; honors—three students; Mathematics, high honors—one student; honors—two students; Psychology, honors—three students; Physics, high honors—one student; honors—two students.

The general aim of the honors program is to encourage and recognize superior scholarship and to provide qualified students with a maximum opportunity for intensive and independent study.

The honors program of each department is set up and administered by a departmental honors committee. The College Committee on Honors Programs, chaired by Dr. Aubrey C. Land, Head of the Department of History, acts as an advisory and regulatory body. Admission to the pro-

gram is ordinarily at the beginning of the first or second semester of the junior year. In all departments, a comprehensive oral and written examination is given at the completion of the senior year. Evaluation is based on the student's work and examination and, as a result, the honors committee may recommend that the student be graduated with high honors, honors, or that no honors recognition be accorded.

Another special honors program now underway is the all-University Honors in Literature, open to undergraduate students in any college of the University who have the approval of their dean and of the head of the department of English. Though it is administered by the English Department, under the direction of Dr. Mary Andrews, the program is not exclusively an English Department program.

Special courses developed for the Honors in Literature are English 3 and 4, which are based on the study of an approved list of literary works, including translations from foreign languages. Enrollment figures show that, in the Spring semester of 1962, there were 257 students enrolled in English 3 and 98 enrolled in English 4, and in the Fall semester of 1962, 58 students were enrolled in English 3 and 164 in English 4. Projected figures for the Spring semester of 1963 indicate that 375 students will be enrolled in English 3 and 125 in English 4.



# From Ancient Greece to World Government:

# The Ageless Problem of Equitable Representation

ERRYMANDERING AND REDISTRICTING, ROTTEN BOROUGHS AND REAPPORTIONment, over-representation and under-representation—these are terms often
encountered in the annals of politics, ancient and modern. Wherever representative government exists or is proposed, the problem of equitable representation inevitably appears upon the scene.

Districting and redistricting are neutral terms, signifying neither praise nor condemnation, but merely involving the drawing of district lines to designate areas from which officials will be chosen. But when the lines are drawn in a manner deliberately designed to favor one party (or tribe or race or area or ideology) against another, the action has come to be known as "gerrymandering."

Although the partisan drawing of boundary lines is as old as history, the new term came into existence when Governor Elbridge Gerry of Massachusetts redrew the districts of his state, producing one which had the appearance of a salamander. A news reporter called it a Gerry-mander, creating a new and meaningful word for the English language.

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historians to describe acts of rulers as ancient as the sixth century B.C. James R. Joy in his *Grecian History* of 1900 thusly describes the changes made by a new ruler, Clisthenes, in an attempt to retain recently won power:

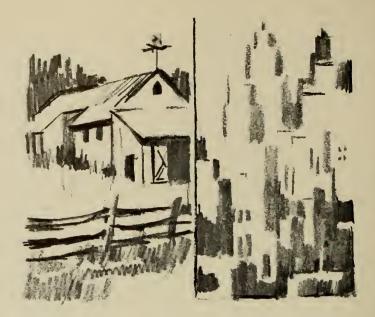
IN ORDER TO PREVENT ANY SINGLE TRIBE FROM BECOMING THE STRONGHOLD OF ONE OF THE OLD PARTIES, HE GERRY-MANDERED THE STATE, ASSIGNING PLAINDEMES, MOUNTAIN-DEMES, AND SHORE-DEMES TO THE SAME TRIBE. THUS ATHENS ITSELF, THE ONLY LARGE CITY, WAS SPLIT INTO NUMEROUS DISTRICTS ALLOTTED AMONG DIFFERENT TRIBES, AND IT MUST BE REMEMBERED THAT THE MUNICIPALITY HAD NO SEPARATE MUNICIPAL GOVERNMENT.

Here was an act of gerrymandering devised to change power-balances by the actual redrawing of the boundary lines. With an increased population in certain areas combined with static or decreasing population in neighboring areas, the controlling faction may obtain a relative increase in power by refusing to redraw boundary lines. This inaction is sometimes called the "silent gerrymander." Although long since corrected, the extremes to which refusal to act can lead was illustrated by England's "rotten borough" system under which existed the absurdity of a town with a population of fourteen having two members in Parliament while very large cities had none.

Redistricting in the United States sometimes refers to the drawing of boundary lines for the purpose of representation in state legislatures or even on city councils, but the problem most often referred to by the term is that of the drawing of Congressional boundary lines.

There is, of course, no problem if a state is entitled to one Congressman only. He runs state-wide. But if the state has more than one Congressman, a decision must be made as to whether a district shall be established for cach Congressman. Congress has thus far left these functions to the state legislatures. They have not evidenced any great concern that districts should be composed of approximately equal population, and the juggling of areas from district to district for the purpose of reaping partisan advantage has produced districts appearing even more weird than Governor Gerry's salamander. The present variation is between districts of approximately 200,000 population to those of about one million. Maryland's First Congressional District has a population of about 240,000 while the Fifth District has about 725,000.

In early American history the gerrymandered Congressional districts were sometimes related to the selection of Presidential electors. Since the United States Constitution provided that Presidential electors would be selected in whatever manner the state legislatures should provide, there was no necessary uniformity from state to state. The right still exists, of course, but there is uniform custom today that electors are chosen by the people in the



general election state-wide. This came to be known as the "General Ticket" method. In the early days, however, some legislatures chose the electors while in other states the electors were chosen by the people on a district basis, usually the same as Congressional districts. Maryland used the district system until 1836, the electoral vote usually being split between the political parties.

An incident involving the Presidential elector problem occurred in New York in 1800. New York's practice was that the legislature chose the electors, but anti-Federalist strength was shown in the spring election of new state legislators, causing Alexander Hamilton to fear that New York's vote would go in its entirety to Thomas Jefferson. He thereupon wrote to Governor John Jav and proposed that a special session of the lame-duck legislature be called for the purpose of passing a districting act for the choosing of electors. Such a law would insure a split vote, with some going to Adams. Hamilton told Jay that the "antifederal majority in the ensuing Legislature . . . will bring Jefferson into the chief magistracy, unless it is prevented by the measure" proposed by Hamilton. Recognizing moral objections to the proposal, Hamilton said "in times like these in which we live, it will not do to be overscrupulous. Scruples of delicacy and propriety . . . ought not to hinder the taking of a legal and constitutional step to prevent an atheist in religion, and a fanatic in politics, from getting possession of the helm of state." Governor Jay rejected Hamilton's proposal, noting on the letter that it proposed "a measure for party purposes, which I think would not become me to adopt."

There were later attempts to manipulate the Presidential electoral votes for "party purposes," but expectations eventually caused the state legislatures to act uniformly in adopting the "General Ticket" system or state-wide election of Presidential electors.

The principal reason for Presidential elector manipulation and for unequal populations among Congressional districts continues to exist. That reason is the unrepresentative character, in terms of population, of the state legislatures themselves—often referred to as malapportionment.

by DR. ELBERT M. BYRD, Jr., Assistant Professor of Government and Politics, the College of Business and Public Administration at the University.

Whereas gerrymandering or maldistricting refers to the inequitable drawing of district boundary lines, malapportionment refers to the inequitable distribution of legislative seats among the districts. In other words, districts can be drawn so as to be virtually perfect on a population basis, but the fairness of the arrangement may be completely nullified if one district is given ten representatives in the state legislature while another district of similar population is given one representative.

Of course, maldistricting and malapportionment are often used in combination to effect desired ends. In his *Outline of History*, H. G. Wells writes of the use of these techniques during the days of the Roman Republic:

WHENEVER THERE WAS A NEW ENFRANCHISEMENT OF CITIZENS IN ITALY, THERE WOULD BE THE MOST ELABORATE TRICKERY AND COUNTER-TRICKERY TO ENROLL THE NEW VOTERS INTO AS FEW OR AS MANY OF THE THIRTY OLD "TRIBES" AS POSSIBLE, OR TO PUT THEM INTO AS FEW AS POSSIBLE NEW TRIBES. . . . HERE WAS THE SORT OF WORK TO FASCINATE EVERY SMART KNAVE IN POLITICS. THE COMITA TRIBUTA COULD BE WORKED AT TIMES SO AS TO VOTE RIGHT COUNTER TO THE GENERAL FEELING OF THE PEOPLE.

It was this kind of manipulation which frustrated the representation of the people in the popular assembly, and contributed to the fall of republicanism in Rome and to the rise of Caesarism or dictatorial rule. Historically there are trends which appear to make it a reasonable conclusion that the reaction to a non-representative assembly is either strike and insurrection or demand for a stronger executive, and often a combination of both. There was apparently feelings tending in this direction in Maryland in 1850, particularly observable in Baltimore where resentment to under-representation was strong, and from which came demands for a Constitutional Convention. The convention was called only after Governor Philip Thomas warned that unless it was done "the sanction of the Legislature would not much longer be invoked."

In post World War II America the problem of apportionment has become more and more accentuated as a result of the increase in population and the mobility thereof. The population of many suburban counties has doubled and doubled again while the representation of those areas in the state legislatures remained unchanged. In some states a change could be made only by constitutional amendment while in others the state constitutions provided that the legislatures should reapportion themselves every ten years. The distinction made little difference. Minority-dominated legislatures refused to reapportion.

Having been continually rebuffed by the legislatures, those who agitated for more equitable representation turned to the courts. They scored a landmark victory in the spring of 1962 when the United States Supreme Court ruled in the case of *Baker v. Carr* that the Federal courts have jurisdiction to determine whether or not malapportioned legislatures deprive citizens of the state the "equal protection of the law" required by the Fourteenth Amendment to the United States Constitution. Since that time the status of apportionment has been in flux. Some legislatures

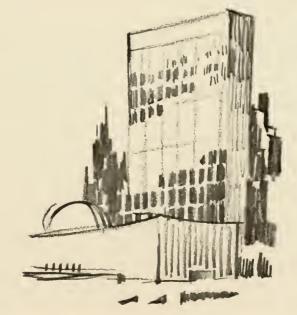
have been ordered reapportioned by Federal courts, others by state courts, and in some no action has yet occurred.

N MARYLAND, A STATE COURT DITTERMINED THAT THE House of Delegates must be reapportioned but that representation in the Senate need not necessarily be changed. The Court of Appeals of Maryland upheld the decision on the Senate by a vote of four to three. That decision has been appealed and is now pending in the United States Supreme Court.

After the judiciary ordered the House of Delegates reapportioned, the General Assembly was called into special session and passed an emergency reapportionment measure to be effective for the session of the General Assembly beginning in January 1963. The legislation provided nineteen new seats for the suburban area, bringing about some amelioration of the situation for the time being. There is grave doubt that this change meets the standard of equitable representation, but in any event the change is temporary only. Apportionment will revert to the old status in 1966 unless new action is taken prior to that time.

Before the temporary change, salient factors about representation in Maryland were as follows. In the House of Delegates, representatives of 24 percent of the population had control. Conversely, representatives of 76 percent of the population found themselves in the minority. In the Senate, representatives of 14 percent of the population can still control. Conversely, Senators representing 86 percent of the population find themselves in the minority. This situation derives from the fact that the counties had a minimum of two up to a maximum of six delegates; and each county has one Senator regardless of the population of the county. Baltimore City was in a special category, having thirty-six delegates and six senators.

Thus, according to 1960 census figures, Kent County with a population of 15,481 has two members in the House of Delegates, and Baltimore County with a population of 492,428 had six. Each county had one senator. A resident of Kent County had twelve times as much representation in the House of Delegates as a resident of Baltimore County, and has thirty-three times as much representation in the Senate. Although not quite so great, the disparities of representation between a small county and other large counties, such as Prince George's and Montgomery, were similar.



March-April, 1963 17

The disparities are not confined to counties of suburban and non-suburban differences. The representation formula is so outmoded that it has produced such anomalies as follows: Frederick County (population 71,930) has six members in the House of Delegates while Harford County (population 76,720) has four. St. Mary's County (population 38,915) has two delegates while Dorchester County (population 29,666) has four. Cecil County (population 48,408) has three delegates; Garrett County (population 20,420) has three.

Whether representation in both Houses should be based principally on population, or whether one House should represent population and the other geographical area is a question now much debated. Those in favor of the latter system refer to it as the "Federal Plan," comparing state government to Federal government.

The arrangement to provide equal representation in the United States Senate without regard to the population of the states, and basing representation in the House of Representatives on population, was a compromise necessary to gain the approval of *sovereign* states. The counties or other election districts within the states were, however, never sovereign, and this analogy is thus without foundation. In addition, Baltimore City was long ago given additional seats in the Senate of Maryland on the basis of population.

The states had bicameral legislatures before the Federal government was created, and this arrangement derived not from any Federal ideas but as a transplant of custom from Great Britain. There the growth derived from the belief that the upper house represented the nobility while the lower house should represent the common people—thus the House of Commons. If this history should be the guide, there would be a retrogression to an understanding that representation shall be based on class rather than on population or geography. Besides, in early Maryland history, the upper house or council was appointed by the Proprietary Governor of the Colony.

Another argument against representation in both Houses on the basis of population is the objection that this would result essentially in a single house or unicameral legislature. As to form, this is, of course, not so. There would still be two houses and two different sets of representatives. As to substance, or end-product legislation, there is some merit to the point—particularly if the legislators come from the same election districts and if the citizens allow bossism or machine rule to thrive. It is not necessary, however, for delegates and senators to be elected from identical areas. Delcgates could be elected from counties, while senators could be elected from districts within populous counties and from districts comprising more than one county in areas of sparse population. Population would be the principal basis of representation but the geographical area represented would be different from that represented in the House of Delegates.

Given these considerations, those who urge a change in representation in the Senate do not insist that the Senate should be reapportioned on the basis of population to the same degree that the House of Delegates should reflect population. They do insist that there should be some reasonable relation in the Senate between population and representation. It is felt particularly that there should not be a status under which representatives of a minority of the population can control in the Senate, and they par-

ticularly reject the present situation under which 14 percent of the population can thwart the will of representatives of 86 percent of the population.

In an open society in which change occurs every day, in which population expands and contracts in various areas from year to year and census to census, there can be no perfect solution. The desired formula is one in which a genuine effort is made to adjust to changing population patterns as reflected by official census returns. What is not desired is the past practice of refusal to reapportion in the face of all objective evidence and even in the face of constitutional requirements in some states that reapportionment be accomplished.

Whatever is done in the American states, there is reason to believe that the problem of representation shall be with us for ages to come. Representation has been a problem in international organizations from ancient Greece to the present time. The League of Nations provided preferred status for some nations on the basis of power. The United Nations does the same in the Security Council, especially as reflected in the institution of permanent membership and the "veto." In the General Assembly there is equal representation without regard to population. In some functional agencies, such as the International Monetary Fund, there is voting strength based neither on equality nor population but rather on the amount of monetary contribution made to the Fund.

The problem of representation in international organizations is not, however, essentially of the same character as the classic problem because international organizations are not governments in the traditional sense. Those who urge the establishment of regional or world government have found the representational problem to be one of the most difficult obstacles. Especially during the period immediately after World War II a great deal of thought was given to the problem. It was felt, for example, that the United States or the Soviet Union would not agree to enter a world government in which either would have only onethird as much representation as China if population were to be the standard of representation. Theoretical plans were then proposed which include elements other than mere population. Some plans were tied to per capita income, others to per capita financial support of the world government. Still another detailed proposal combined population and national educational achievement. An individual with one year of formal education would receive one point, a college graduate would receive sixteen points. By computation each country would have a total number of "educational years of national accomplishment," and the representation would be based on the "educational years." As of 1945 the United States would have 88 World Assembly representatives, Russia 59, China 20. Although the plan was said to have a built-in "self corrective," in that it would provide an incentive for all countries to fight illiteracy and emphasize education, there was no discernible rush to adopt the proposal.

It is not yet claimed that world government exists—of a representative nature or otherwise. But throughout most of the world, even in countries within the Communist orbit, it is claimed that representative government exists and that its existence is the principal moral claim to obedience. At least for a concerned and intelligent public, it is perhaps not too much to conclude that respect for government depends on the degree to which reality matches claim.

#### ILLUSTRATIONS BY HOWARD BEHRENS

#### Inside Maryland Sports by Neil La Bar, Director of Sports Information

The terrapin basketball team ended the regular season with an 8-12 record and linished in a sixth place tie with South Carolina in the Atlantic Coast Conference. Not a great season but certainly more wins than most observers thought the Terps would get this season.

The Terps lacked bench strength this season mostly due to academic deficiencies. Much of the season Coach Bud Millikan had only eight members on the varsity squad.

But don't be disheartened . . . let's look to the future . . . the freshman team elosed the season with a 14-2 record and Coach Millikan describes them as his best Maryland freshman squad . . . not only good on the floor but also good in the classroom.

For what it's worth . . .

I saw every conference freshman team and I think the Terp frosh are as good or better than any frosh squad I saw.

The five freshmen starters averaged in double figures. Neil Brayton of Youngstown, Ohio, ended with a 20.6 scoring average, Gary Ward of Washington, D. C., closed with a 20.1 scoring average, Jack Clark of Beverly, Ohio, had a 16.6 average, Rich Wise of Wilmington, Delaware, averaged 13.4 per game, and Mike DeCosmo of Camden, New Jersey, rounded out the starters with a 12.1 average.

Wise is 6-8, Ward stands 6-5, Brayton and Clark stand 6-4 and DeCosmo is a tall 5-10. The team averaged over 93 points a game this season, going over the century mark five times.

To give you an idea of the frosh's superb play . . . if their statistics were placed on a national level they would be second in scoring average (93.4) and fourth in free throw percentage (.753).

Clark finished with 72 for 79 from the charity stripe and a .911 percentage, good enough for a third place finish nationally on the varsity level.

Some skeptical fans might point out that the competition was not strong but let's face the facts and see that this frosh team handily defeated each team on the schedule with the exception of Navy's Plebes and as most of you know the Plebes are usually tough in Annapolis.

Also, the competition is the same that Terp frosh have been playing for years, not usually coming up with this fine a record. Turning to swimming . . . Coach Bill Campbell and his line swimming squad won a couple of big non-conference meets with Navy and Pittsburgh. Unfortunately Coach Campbell came down with the flu (Asian, European, or one of those bugs) and couldn't make the most important trip of the year: the trip to North Carolina and North Carolina State. Result . . . the Terps lost both meets as they were both decided in the last event.

Not saying Coach Campbell's absence was the reason for the losses but it certainly didn't help matters.

The Terp wrestling team dominated the Atlantic Coast Conference again this season, keeping its undefeated Conference record intact. Coach Sully Krause and his topnotch squad also won a couple of important non-conference matches . . . the victims were Navy and Army.

It looks funny to type Navy before Army but, as you know, the Middies rank well ahead of the Cadets in importance to Terp athletic squads.

In indoor track the big news this winter has been pole vaulter John Belitza. The Penns Grove senior was the first collegian to vault over the 16 foot mark when he accomplished the feat in the Boston AA games.

The article "Born of Fire" in the last issue of *The Maryland Magazine* eaught my attention. You remember it was about the founding of the first fraternity at College Park. One of the founding eight members was E. E. Powell, described as the "Father of Lacrosse" at Maryland. I asked Dave Brigham if he had any pictures of the first lacrosse team and he came up with the one pictured below. We publish the picture as a reminder that lacrosse has been a sport at Maryland for quite a while—since 1910.

I hope you will elip out the Maryland Spring Sports Schedule published on the inside cover and that you'll be coming out to attend some of our contests. All of the home contests—baseball, golf, tennis and outdoor track—may be attended without admission fee. Tickets for home lacrosse games go for a dollar each and may be purchased only at the gate.

Spring football begins April 8 and will end with the annual alumni-varsity elash, May 11. I'll be giving you the inside story on 1963 football in the next issue.

See you in May!

Standing Left to Right: UN-KNOWN, E. MONTELL, N. JOHNSTON, W. C. STEVENS, R. V. TRUITT, L. R. ROGERS, L. G. WILLSON.

Kneeling Left to Right: J. J. TULL, W. H. WAXTER, E. TRIMBLE, B. A. FORD, H. FREUNDLICH, L. CARPENTER, C. H. BUCHWALD.

Seated Left to Right: M. E. DAVIS, MCKENNA, H. MASSEY, E. E. POWELL, T. D. GRAY, J. B. COSTER, R. J. MCCUTCHEON.



## Alumni and Campus Notes

CONTINUED FROM PAGE 13

300, included students, their parents and friends, members of the fraternities, sorority, interested alumni and faculty members.

President Sam A. Goldstein welcomed the guests and Milton A. Friedman served as master of ceremonies. Dean Noel E. Foss expressed appreciation for the work done by the Alumni Association.

Entertainment consisted of seven skits and three individual presentations by undergraduate students, under the supervision of Dr. Frank J. Slama, Executive Secretary of the Alumni Association.

Judges were past presidents of the Alumni Association, James P. Cragg, Jr., Irving I. Cohen and Victor H. Morgenroth, Jr. Two first money prizes were awarded to the Newman Club and to The Alpha Zeta Omega Fraternity, and a third cash prize to the Lambda Kappa Sigma Sorority. The first individual money prize was awarded to Miss Jeanne Baker and the second to M. Neal Jacobs.

Skits were also presented by the Rho Pi Phi Fraternity, the Phi Delta Chi fraternity, the Jungleaires and the Class of 1864.

The Frolic committee consisted of Milton A. Friedman, Robert Kokoski, Milton Brownstein and Solomon Weiner.

Members of the Place and Arrangements Committee were Irving B. Epstein, Chairman, S. Lawrence Rosenbloom, Vice-Chairman, Jerome Stiffman, Morris Rockman, and Mrs. Sam A. Goldstein, who arranged for refreshments, assisted by members of the Alumni Association and the Travelers' Auxiliary of the Maryland Pharmaceutical Association.

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MARYLAND MAGAZINE

# To Conserve the Land

The following excerpted remarks from an address by Dr. T. B. Symons, member of the Board of Regents, are presented here because of their general value and application. The address was delivered this past winter before the Maryland Association of Soil Conservation Districts and the State Soil Conservation Committee.

Never has conservation of our natural resources been more important and vital to our State and Nation than today. Land is growing more valuable each day, and the protection of our soil and the preservation of our water resources has arrested the attention of all our people both rural and urban and the highest administrative officials in our Nation. The increase of our population and the transfer of many city residents to adjoining suburban areas throughout the eastern seaboard and especially in our State enlists the active interest of city folks who are seeking the wide open country as a way of life. So, my friends, you are engaged in directing a noble work when encouraging everyone to think of preserving our natural resources. Professor Robert R. Humphrey has just written a book entitled, Range Ecology. In its introduction he says.

No one owns land in a permanent sense. We may hold temporary title to one acre or a thousand, but this is at best a temporary title. It does not carry with it the right to exploit or despoil the

vegetation or other natural resources of that land. The welfare of the nation and, in a larger sense, of the world depends on the welfare of all the scattered areas that make up this land upon which we depend for our very life. All of us, therefore, should do the little we can to see that the acre over which we hold temporary custodianship is passed on to the next user with its natural resources as well or better conserved than when it fell into our hands.

the part of our rural population as well as the general public. I quote from a recent news statement from the University of Maryland College of Agriculture: titled "Careers in Agriculture."

In no other country, and at no other time in our history, has agriculture provided so well for so many people as it does in the United States today. Agriculture is as vital as ever to the economy, wellbeing, and strength of our nation.

We have grown from a nation in which one of every four workers had to produce food, to a nation in which one farmer is efficiently producing food for 27.

Unfortunately, though, there seems to be a distinct misunderstanding of agriculture on the part of the general public . . . its relation to the well-being, growth, and

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even to the sceurity of the United States. American agriculture is big business, with assets of \$207 billion—nearly two-thirds of the market value of all corporation stocks on the New York Stock Exchange, or three-fourths of the value of current assets of all corporations in the U. S. Agriculture is this country's biggest industry.

In its broad concept, U. S. Agriculture consists of three separate segments: (1) some seven million farmers are directly engaged in the production of crops and livestock; (2) suppliers and others rendering services to farmers involve some six million persons; (3) those who process, store, handle, transport, and merchandise farm products account for approximately ten million employed persons. Together, these three groups account for almost 35 percent of the total U. S. labor force.

For almost a century, landgrant colleges were concerned primarily with training students for agricultural production. Today's agriculture, with its modern technology, requires educational programs not only for those who will engage in farming, but also for the many more that will seek their careers in the industries and businesses related to agriculture.

With the increased demand for scientific, technical, and educational research and development, college students as well as others may well look to the field of agriculture for interesting jobs which offer attractive salary, security and working hours—all desirable benefits.

#### Seniors Present Peter, Paul, Mary

The Senior Class of the University will present the folk-singing trio, Peter, Paul & Mary, between 8:30 and 10:30 p.m. on April 27 at the Cole Activities Field House.

Choice seats are being reserved for alumni, who may purchase tickets for \$2.50 each by sending the money and an enclosed self-addressed envelope to Alumni Tickets, Post Office Box 80, College Park, Maryland. Tickets will also be on sale on campus and at the door. Profits will be given to the Mc-Keldin Library.

# Through The Years

1895-1919

CURTIS C. McDonnell, Agr. '95, died at Suburban Hospital in Bethesda on December 15, 1962, of a heart attack. He had served 38 years with the U. S. Department of Agriculture until his retirement in 1945. Mr. McDonnell was 87.

CHARLES JERNINGHAM QUEEN, Agr. '97, died of a stroke on January 14, 1963, in Brooklyn, New York. Mr. Queen led an active life, spending 33 years on the New York City Police Department. He was 87.

DR. JAMES G. MATTHEWS, M.D. '05, is retired from the practice of medicine. He is living in Spokane, Washington.

DR. ROGER W. WILLIAMS, D.D.S. '08, is a retired dentist. Dr. Williams lives in Arlington, Virginia,

DR. GAIL W. KAHLE, M.D. '10, is a physician and surgeon living in Marienville, Pennsylvania.

FRANK J. MAXWELL, Agr. '10, is employed in a general grocery store. He lives in Baltimore.

DR. WALTER MICHAEL WINTERS, M.D. '10, is retired from the practice of medicine. He lives in Paterson, New Jersey.

Moses Wiesenfeld Rosenfeld. LL.B. '14, is a lawyer and partner in the firm of Blades and Rosenfeld. He lives in Baltimore.

DR. JAMES H. SAMUEL, D.D.S. '14, is retired from the practice of dentistry. Dr. Samuel and his wife live in Lake Worth, Florida.

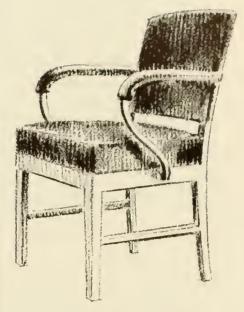
HAROLD TSHUDI, I.I.B. '14, is a partner in the law firm of Semmes, Bowen and Semmes. Mr. Tshudi lives in Baltimore. He has one daughter.

DR. HARLEY D. DRAKE, SR., M.S. '17, died on December 15, 1962, in Ohio, after a short illness. Dr. Drake devoted his life to the education and service of the deaf. He was 80 years old.

FERDINAND A. KORFF, A&S '17, is the Director of the Bureau of Food Control for the Baltimore City Health Department. Mr. Korff lives in Baltimore. He has one daughter.

DR. CHARLES ROBERTS THOMAS, M.D. '17, is a practicing physician in Chattanooga, Tennessee. He has two children. His son William is also a doetor.

(Continued on next page)



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MRS. JOHN PAUL TROY, Nurs. '17, is retired from nursing. Mrs. Troy has been very active in nursing organizations and is the past President of the Baltimore Alumni Club of the University of Maryland. Mrs. Troy lives in Baltimore.

Albert H. Sellman, Engr. '17, is retired and living in Washington, D. C. Dr. Nathan Dubroff, d.d.s. '19, died on June 22, 1962. He is survived by his wife of Kew Gardens, New York.

#### 1920-1929

GEORGE M. MERRILL, Agr. '20, is with the U. S. Engineer Corps. Mr. Merrill and his wife live in Kansas City, Missouri.

Dr. EDWARD C. MORIN, D.D.S. '20, is a practicing dentist specializing in oral surgery. Dr. Morin lives in Pawtucket, Rhode Island, and has one daughter.

Rhode Island, and has one daughter. DR. WILLIAM J. B. ORR, M.D. '20, is a retired surgeon. He is currently living in Washington, D. C.

DR. HARRY A. SILBERMAN, D.D.S. '23, is in the general practice of dentistry. Dr. Silberman has one daughter and five grandchildren. He lives in Ridgefield, New Jersey.

J. VERNON LEMMERT, LL.B. '22, is the Comptroller for the Maryland Port Authority. Mr. Lemmert and his wife live in Baltimore. They have one daughter.

DR. B. M. RHODES, M.D. '22, is the physician for Florida State University. Dr. Rhodes has two children and lives in Tallahassee, Florida.

CLARENCE D. SASSCER, Engr. '22, is a Supervisory General Engineer with the Corps of Engineers. He lives in Arlington, Virginia, and has three children.

Anna Elizabeth Pratt, Nurs. '23, is a general staff nurse. Miss Pratt was a private duty nurse from 1923 to 1946. She is living in Baltimore.

FRANK A. BENNETT, Engr. '23, is retired and living in Port Republic, Maryland. Mr. Bennett was formerly the Manager of the Specifications, Estimates and Standards Branch, Bureau of Yards and Docks of the Navy Department.

MORRIS J. GUREVICH, Agr. '23, is the president of Cherry Hill Mobile Homes, Inc. Mr. Gurevich lives in College Park, Maryland, and has two children.

DR. ARTHUR M. KRAUT, M.D. '23, is a practicing physician. He and his wife live in Jersey City, New Jersey. They have two children.

DR. JAMES T. MARSH, M.D. '24, died of cancer at his home in Westminster, Maryland, on January 4, 1963. Dr. Marsh had practiced medicine in Westminster for 38 years, and had been county medical examiner for 20 years. He was 68.

DR. ROBERT P. STRAKA, A&S '24, is a Senior Bacteriologist with the U. S. Department of Agriculture. Dr. Straka received his Ph.D. from Iowa State University in 1938. He lives in Albany, California, and has two children.

DR. GEORGE J. PHILLIPS, D.D.S. '25 is in the general practice of dentistry. He lives in Baltimore, Maryland. He has one son, Dr. George J. Phillips, Jr.

ARTHUR G. PRANGLEY, Engr. '25, is the Vice President and Secretary of the Elastic Stop Nut Corporation of America and the President of Buchanan Electrical Products Corporation. He received his law degree from George Washington University in 1931. He has one son and lives in Union, New Jersey.

DR. & MRS. CARL M. CONRAD, Agr. '25, A&S '26, live in New Orleans, Louisiana. Dr. Conrad is a Chief Research Chemist for the U. S. Department of Agriculture. They have three children.

Hon. Lester L. Barrett, I.L.B. '26, is a Judge of the Third Judicial Circuit of Maryland. Judge Barrett and his wife live in Relay, Maryland. They have three children.

ALBERT B. FISHER, JR., Engr. '26, is a Chief Engineer with Koppers Company, Inc. Mr. Fisher and his wife live in Pittsburgh, Pennsylvania. They have one son.

DR. FRANK SPANO, M.D. '26, is a practicing physician. He and his wife live in Union City, New Jersey.

DR. E. IRVING BAUMGARTNER, A&S '27, M.D. '31, is a practicing physician. Dr. and Mrs. Baumgartner live in Oakland, Maryland.

CARROLL S. BRINSFIELD, Agr. '27, is the Chief of the Division of Food Control of Maryland State Department of Health. Mr. Brinsfield lives in Towson, Maryland. He has one son.

HARRY J. KELCHNER, A&S '27, is a Sales Representative for the New Jersey Zinc Company. He has two children and lives in Chatham, New Jersey.

DR. BENJAMIN LAVINE, D.D.S. '28, is a practicing dentist. He and his wife live in Trenton, New Jersey.

DR. RALPH MOSTWILL, M.D. '28, is in private practice specializing in surgery and gynecology. He and his wife live in Baltimore, Maryland.

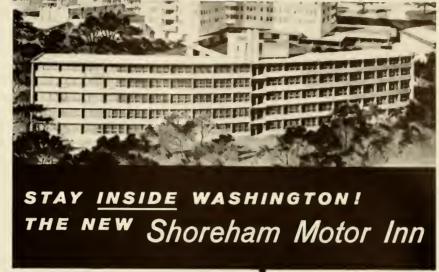
ELLWOOD R. NICHOLAS, Educ. '28, is operating a motel in St. Augustine, Florida, where he lives with his wife.

ROBERT L. PALMER, Engr. '28, is a Consultant with Mandrell Industries. Mr. Palmer lives in Houston, Texas. He has one daughter.

MORTIMER M. SLATKIN, LL.B. '29 is a practicing lawyer. He lives in Stevenson, Maryland. Mr. Slatkin has two children.

CHARLES H. CALDWELL, Engr. '29, is a Sales Engineer for the General Electric Company. Mr. Caldwell lives in Grand Rapids, Michigan. He has three children.

(Continued on next page)



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Dr. PHILLIP PAUL COHEN, M.D. '29 is a practicing physician. He lives in Snow Hill, Maryland. Dr. Cohen has three children.

EMMETT T. LOANE, Engr. '29, is a District Sales Manager for the C. & P. Telephone Company. Mr. Loane lives in Baltimore, Maryland. He has two children. Mr. Loane is currently serving on the Alumni Council of the Alumni Association.

#### 1930-1939

WILLIAM L. LUCAS, A&S '30, is the Secretary and Treasurer of the Martin Marietta Corporation. Mr. Lucas lives in Baltimore, Maryland. He has one daughter.

R. DUNCAN CLARK, A&S '30, died of a stroke at Suburban Hospital on January 3, 1963. Mr. Clark was a former member of the Maryland Legislature and a Montgomery County attorney. He received his law degree from Harvard in 1933. Mr. Clark was 54.

GRAFTON D. ROGERS, LL.B. '30, is a practicing attorney. He and his wife are currently living in Baltimore, Maryland.

JOHN PAUL ALLEN, A&S '31, is the Operations Superintendent for a petroleum refining company. He has two children and lives in Baltimore, Maryland.

JOHN R. M. BURGER, JR., Engr. '31, is a Forecasting Engineer for the Potomac Edison Company. He is also a parttime math teacher at Hagerstown Jr. College. Mr. Burger lives in Hagerstown and has one daughter.

Mr. & Mrs. Edwin M. Gue, Engr. '31, H.Ec. '35, are living in Indianapolis, Indiana. Mrs. Gue is the former Ruth Burslem. Mr. Gue is the Vice President of the Engineering Public Service Company of Indiana. The Gues have twin daughters.

DR. ROBERT F. ROHM, M.D. '31, is a practicing doctor specializing in Ophthalmology. Dr. Rohm lives in Pittsburgh, Pennsylvania. He has three children.

DR. MIGUEL ALONSO, M.D. '32, is a practicing physician specializing in ear, nose and throat. Dr. Alonso has two sons and lives in Santruce, Puerto Rico.

C. WARREN BOGAN, Engr. '32, is a self-employed consulting engineer and the owner of C. Warren Bogan and Associates, Consulting Engineers. Mr. Bogan lives in Bethesda, Maryland. He has five children.

Frederick W. Invernizzi, A&S '32. is the Director, Administrative Office of the Courts and Lecturer at the University of Maryland Law School, Mr. Invernizzi received his law degree from the University in 1935. He lives in Baltimore and has two daughters.

DR. RICHARD A. BAILEY, D.D.S. '33, is a praeticing dentist. He lives in New Haven, Conn. Dr. Bailey has two daughters.

LESTER LEROY BENNETT, Pharm. '33, is the owner of Bennett's Drug Store in Miami, Florida. Mr. Bennett has one son and lives in Hialeah, Florida.

CLAUDE A. BURKERT, Edue. '33, is the Principal of Baltimore Polyteehnie Institute. Mr. Burkert has two daughters. He lives in Baltimore, Maryland.

GUY WATSON GIENGER, Agr. '33, is an Associate Professor of Agricultural Engineering. He lives in West Hyattsville. Mr. Gienger has two sons.

ERNA MAE BEHREND, H.Ec. '34, is a Clinic Nutritionist at the Medical College of Virginia. Miss Behrend lives in Richmond, Virginia.

HARRY T. KELLY, Engr. '34, is the Vice President of the Equitable Investment Corporation. He is in charge of Multi-Family Division and Urban Redevelopment. Mr. Kelly has five children and lives in Columbus, Ohio.

DR. BENJAMIN I. SIEGEL, M.D. '34, is a physician and the attending surgeon at North Charles General Hospital in Baltimore. Dr. Siegel lives in Pikesville, Maryland. He has two children. His daughter, Tamara, is an alumna of the University.

THEODORE McGANN, BPA '34, is a Certified Public Accountant. Mr. Mc-Gann has one son and lives in Falls Church, Virginia.

HERBERT M. ALLISON, A&S '35, is the Personnel Policy and Benefits Manager for the J. C. Penney Company. Mr. Allison lives in New York City. He has two sons.

WILSON FRANCIS DAWSON, Agr. '35, is a Plant Quarantine Inspector for the U. S. Department of Agriculture. Mr. Dawson lives in Arlington, Virginia. He has two ehildren.

CHARLES G. GROSH, Engr. '35, is the Assistant Chief of the Installation and Materiel Division of the Federal Aviation Agency in Los Angeles, California. Mr. Grosh lives in Pacific Palisades, California. He has two daughters.

DR. WALTER LICHTENBERG, M.D. '35, is a practicing physician. Dr. Lichtenberg lives in Westwood, New Jersey. He has two daughters.

CARLOTTA A. HAWLEY, D.D.S. '36, is a practicing dentist specializing in orthodontics. Dr. Hawley lives in Washington, D. C. She is married to Horace Elwell Johnston.

W. SCOTT JAMES, Agr. '36, is a Product Manager in the Nitrogen Products Division of the W. R. Grace & Company. Mr. James lives in Memphis, Tennessee. He has two children.

DR. WALTER E. KARFGIN, M.D. '36, is in the private practice of medicine. Dr. Karfgin lives in Baltimore, Maryland. He has one daughter.

(Continued on next page)

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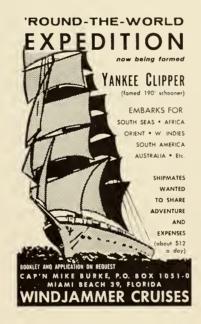
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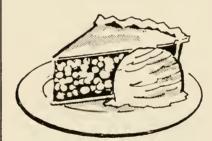
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MRS. JEAN ROWLAND LOWE, Educ. '36, is a housewife living in San Jose, California. She has one son. Mrs. Rowland has been a teacher and Methodist Church Missionary to China and Japan in Rural Work.

DR. EMANUEL S. ELLISON, M.D. '37, is a practicing physician and surgeon. Dr. Ellison lives in Baltimore, Maryland. He has two daughters. His daughter Arla is a senior in the University's School of Nursing.

FRANK B. KEECH, LL.B. '37, is the Regional Claims Manager for the Glens Falls Insurance Company. Mr. Keech has four children. One son is attending the University. The Keeches live in Glens Falls, New York.

DR. THOMAS G. ABBOTT, M.D. '37, is in the general practice of medicine. Dr. Abbott lives in Baltimore, Maryland. He has three children.

EUNICE E. BURDETTE, Educ. '37, is an elementary school supervisor for Prince George's County. Miss Burdette lives in Bowie, Maryland.

JOHN A. McLean, Engr. '37, is a design engineer with Westinghouse Electric Corporation. Mr. McLean lives in Columbus, Ohio. He has two sons.

MRS. BERNICE GRODJESK BEDRICK, Agr. '38, is a science teacher. She has two children and lives in Linden, New Jersey.

DR. KENNETH E. HAMLIN, JR., PH.D. '38, has been named 1963 chairman of the American Chemical Society's Division of Medicinal Chemistry. Dr. Hamlin is the Director of Research for Abbott Laboratories, North Chicago, Illinois

CHARLES L. BENTON, BPA '38, is the Budget Director for the city of Baltimore. Mr. Benton lives in Hyattsville, Maryland. He has three children.

THOMAS C. BROWN, A&S '38, is a practicing lawyer. Mr. Brown received his law degree from the University in 1950. He lives in Baltimore, Maryland.

DR. EDWIN D. CRUIT, D.D.S. '38, is in the general practice of dentistry. Dr. Cruit is living in Aberdeen, Maryland. He has three children.

Dr. James P. Kerr, Jr., M.D. '39, is in the general practice of medicine. Dr. Kerr lives in Damascus, Maryland. He has two children.

JOHN D. MUNKS, Engr. '39, has recently been appointed Vice President of the Charles H. Tompkins Company, building contractors.

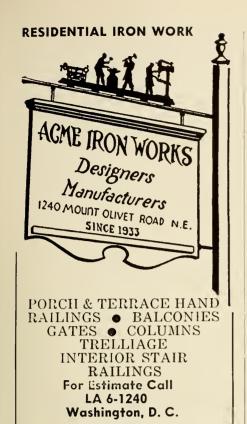
DR. PHILLIP J. WINGATE, M.A. '39, PH.D. '42, has been named Assistant General Manager of Du Pont Company's elastomer chemicals department.

MRS. LOLAH HARRINGTON MARSHALL MIHM, Nurs. '39, is an Assistant Director of Nursing Service. Mrs. Mihm lives in Baltimore, Maryland.

MRS. DOROTHY DENNIS OREM, A&S '40, is a housewife in Hyattsville, Maryland. She has one daughter. Mrs. Orem









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DR. ARTHUR EDGAR POLLOCK, M.D. '40, is a practicing physician. Dr. Pollock has two sons and lives in Altoona, Pennsylvania.

PHILIP L. SHEPSLE, A&S '38, is a store manager for Top Value Stamps. He has three children and lives in Takoma Park, Maryland.

#### 1940-1949

GARDNER H. STORRS, Engr. '40, is a Group Engineer in the Electronics System and Products Division of the Martin Marietta Corporation of Baltimore, Mr. Storrs lives in Baltimore. He has three sons.

FRANKLIN K. PEACOCK, BPA '41, is the Division Accounting Manager of the Chesapeake and Potomac Telephone Company. Mr. Peacock has four children. He lives in Annapolis, Maryland.

Dr. Irene Phrydas, M.D. '41, is a physician. She is with the Department of Psychiatry of Emory University in Emory, Georgia. Dr. Phrydas is married to D. T. Papageorge and has two daughters. She lives in Atlanta, Georgia.

Dr. George Reusch, d.d.s. '41, is in the general practice of dentistry. Dr. Reusch lives in Cranford, New Jersey. He has three children.

RALPH W. FREY, JR., BPA '41, has been appointed general chairman of the 1963 Cancer Crusade in Washington, D. C. Mr. Frey is the Assistant Vice President for Personnel of the Chesapeake and Potomac Telephone Company. He lives in Takoma Park, Maryland. Mr. Frey has three children.

CHARLES A. SHIVODER, JR., Engr. '41, is the president of a general contracting firm. He has one son and lives in Towson, Maryland.

DR. FRANK L. BENTZ, JR., Agr. '42, is Assistant to the President of the University of Maryland. Dr. Bentz received his PH.D. from the University in 1952. He lives in Silver Spring, Maryland, Dr. Bentz has three children.

EDWARD W. NYLEN, BPA '42, is an attorney and partner in the firm of Nylen, Gilmore and Simpson. Mr. Nylen rcceived his law degree from George Washington University in 1947. He has two children and lives in Hyattsville. Maryland.

Dr. Eli Galitz, M.D. '43, is a practicing physician. Dr. Galitz lives in Hialeah, Florida. He has three sons.

DR. RUTH E. W. BALDWIN, M.D. '43, is an Assistant Professor in Pediatrics and Director of Clinics for Exceptional Children. Dr. Baldwin lives in Baltimore, Maryland. She has four sons.

NORMAN M. GLASGOW, BPA '43, is a partner in the law offices of Wilkes and Artis. Mr. Glasgow received his law degree from George Washington

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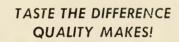
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University in 1949. He lives in Rockville, Maryland, and has three children.

EDWIN W. INGLIS, Engr. '43, has been named Assistant Manager of the Marketing Development Division of the Standard Oil Company of New Jersey. Mrs. Inglis is the former Elizabeth Chamberlain who also attended the University. They have three children and live in Riverside, Connecticut.

JOSEPH JOHN THOMAS, BPA '44, is an Assistant Sales Manager for Sears, Roebuck and Company. Mr. Thomas lives in Elmhurst, Illinois. He has two

MRS. JEANNE ADAMS WILSON, Nurs. '44, is a housewife living in Jacksonville. Illinois. Mrs. Wilson has three sons and two daughters.

DR. CONRAD L. INMAN, JR., D.D.S. '44, is a practicing dentist specializing in oral surgery. Dr. Inman has three children. He lives in Baltimore, Maryland.

Dr. Harry A. Kahn, Engr. '45, has been appointed Director of Research and Applications for U.S. I. Film Products, new department of U.S. Industrial Chemicals Company, Dr. Kahn received his Ph.D. from Penn State University. He has five children and lives in Macedon, New York.

DR. PHILLIP ADAMS, A&S '45, is the Director of Research for the Berkeley Chemical Corporation of Berkeley Heights, New Jersey. Dr. Adams received his PH.D. from Cornell in 1950. He lives in Murray Hill, New Jersey, and has three children.

MRS. VIRGINIA GIBSON HOHING, H.Ec. '45, is a housewife, Mrs. Hohing lives in Summit, New Jersey. She has three children.

DR. JAMES A. ROBERTS, M.D. '46, is a practicing physician. Dr. Roberts lives in Silver Spring, Maryland. He has seven children.

DR. FRANK A. KIERNAN, D.D.S. '46, is a practicing dentist. Dr. Kiernan has five children. He lives in Stratford, Connecticut.

DR. THOMAS R. McSparren, D.D.S. '46, is a practicing dentist. Dr. Mc-Sparren lives in Newport, Rhode Island. He has three sons.

M. GIST WELLING, Agr. '46, is on the faculty of the College of Agriculture. Mr. Welling lives in Adelphi, Maryland. He has two children.

DR. IRL WENTZ, M.D. '46, is a practicing physician. Dr. Wentz lives in Salisbury, North Carolina. He has three children.

MARC G. ABRIBAT, Engr. '47, is a Special Representative of the General Sales Department of the Ingersoll Rand Company. Mr. Abribat has three sons. He lives in Philadelphia, Pennsylvania.

ELMER F. BRIGHT, Educ. '47, is a teacher and coach. He is currently living in Timonium, Maryland.

DR. BOYD B. CARY, JR., M.S. '47, is a physicist with the G. E. Space Tech-



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nology Lab. Dr. Cary received his PH.D. from the University in 1954. He lives in Norristown, Pennsylvania, and has two sons.

Frederic Orr Louden, BPA '47, is a practicing attorney. He received his law degree from the University in 1949. Mr. Louden and his wife live in Bethesda, Maryland.

RALPH E. PENNYWITT, BPA '48, is the Staff Manager in Accounting for the International Minerals and Chemical Corporation of Bartow, Florida. Mr. Pennywitt lives in Lakeland, Florida. He has two children.

MAJOR HENRY A. SOHN, Agr. '48, is a Major in the U. S. Air Force. Major Sohn returned to the service in 1951 after serving in World War II until 1945. He is stationed at Larson A.F.B., Washington. He has four children.

MAURICE D. STARR, Engr. '48, is the Head of the Nuclear Power Division of the Bureau of Yards and Docks. Mr. Starr has three children. He lives in Silver Spring, Maryland.

GEORGE W. SULLIVAN, IL.B. '48, is an attorney practicing in New York City. Mr. Sullivan lives in Summit, New Jersey. He has three children.

LEROY BALD, LL.B. '49, is a practicing lawyer in the firm of Childs and Bald. Mr. Bald lives in Annapolis, Maryland. He has three children.

MRS. ALICE C. DWYER, Nurs. '49, is a Hospital Advisor for the Bureau of Medical Service of the State Health Department. Mrs. Dwyer holds the rank of Lt. Commander in the Navy and Captain in the U.S. Air Force. She earned her Flight Nurse Wings during the Korean Conflict. Mrs. Dwyer lives in Ellicott City, Maryland.

JOHN W. BRYAN, Engr. '49, is an electronics and research engineer. He lives in Washington, D. C., and has three children,

#### 1950-1959

Norris Elliott Felt, Jr., Engr. '50, is the General Manager, Program Review of the Martin Company. Mr. Felt lives in Towson, Maryland. He has two children.

RONALD UTMAN, BPA '50, has been appointed Production and Control Manager of the Builders Hardware plant, Stanley Hardware Division. Mr. Utman lives in Newington, Connecticut. He has four children.

KEITH K. KISHBAUCH, P.E. '50, is the Department Head of Physical Education of Hammond High School in Alexandria, Virginia. Mr. Kisbauch lives in Woodbridge, Virginia. He has two children.

ANN KLINGELHOFER, Nurs. '50, is an Assistant Professor at Berea College in Kentucky. Miss Klingelhofer lives in Berea.

(Continued on next page)



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MRS. MARILYN KUHN LEBO, BPA '50, is a housewife. Mrs. Lebo lives in Woodmere, New York. She has three children.

RICHARD LOM BAKER, Agr. '51, is the Manager for Tool Distributor Sales of the Ingersoll Rand Company. Mr. Baker has two children. He lives in

Parrsippany, New Jersey.

JOSEPH C. WATKINS, BPA '51, recently assumed duties as Contract Specialist in the Washington offices of the U.S. Agency for International Development. Mr. Watkins lives in Silver Spring, Maryland. He has three children.

DWIGHT O. COBLENTZ, Educ. '51, is the Head Math Teacher at Glenbrook South High School. Mr. Coblentz lives in Glenview, Illinois. He has two sons.

Louis W. Calbeck, BPA '51, is a Tax Law Specialist with the Internal Revenue Service. Mr. Calbeck has three children. He lives in McLean, Virginia.

Dr. Donald Hammond Hobbs, D.D.S. '51, is a practicing dentist. Dr. Hobbs lives in Pikesville, Maryland. He has three children.

GEORGE AGAPIOS KOSTAS, Phar. '52, is the President of the Aracoma Drug Company. Mr. and Mrs. Kostas live in Logan, West Virginia.

CHARLES E. RUSSELL, Agr. '52, has been appointed Zone Personnel Manager of Sealtest Foods general office in Philadelphia. Mr. Russell lives in Woodbury Heights, New Jersey.

HARRY LIEBERMAN, JR., Educ. '52, is a Director of Guidance. He and his wife live in Bowie, Maryland.

Dr. Dale E. Lincicome, d.d.s. '52, is a practicing dentist. Dr. Lincicome lives in Seattle, Washington. He has four children.

SOUTH TRIMBLE LYNN, BPA '52, is the Secretary-Treasurer of Universal Floors, Inc., and Secretary-Treasurer of Bethesda Florist, Inc. Mr. Lynn has two children. He lives in Washington, D. C.

GERALD L. STEMPLER, BPA '53, is the Executive General Manager of Sales and Service for a chain of industrial laundries. He lives in Silver Spring, Maryland. Mr. Stempler has four chil-

BILL LEE YOHO, LL.B. '53, is a practicing attorney in the firm of Hoyert and Yoho of College Park. Mr. Yoho lives in College Park, Maryland. He has two children.

WALTER ZAHAREVITZ, Mil. Sci. '53, retired from the Air Force on August 31, 1962. He is currently a student and doctoral candidate at Syracuse University. Mr. Zaharevitz lives in Syracuse, New York. He has five sons.

Francis Peter Zurmuhlen, Agr. '53, is a commercial pilot for United Airlines. Mr. Zurmuhlen has five children. He lives in Alexandria, Virginia.

DAVID LEE BOWERS, A&S '54, is a practicing attorncy. Mr. Bowers received his law degree from the University in 1961. He has three children and lives in Baltimore, Maryland.



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Dr. J. F. JENKINS, JR, PH.D. '54, has been elected Vice President in charge of Advanced Concepts of the Interstate Electronics Corporation of Anaheim, California.

Dr. Charles L. Brandenburg, Jr., D.D.s. '54, is a dentist in private practice. Dr. Brandenburg has four children. He lives in Rising Sun, Maryland.

JANE PENNINGTON CAHILL, A&S '54, is the Manager of Recruitment in the Washington System Center of I.B.M. Miss Cahill lives in Washington, D. C.

WILLARD S. CAHILL, BPA '54, is the Signed Articles Coordinator for the G. E. Company, Defense Programs Operation, Washington, D. C. Mr. Cahill has two daughters and lives in Sorinfield, Virginia.

RUTH TRAVERS BENNETT, Educ. '55, is a second grade teacher at the Campus Elementary School at State Teachers College in Salisbury. Miss Bennett received her M.ED. degree from the University in 1960.

Monroe Joseph Cowan, A&S '55, is on the Technical Staff of Bell Telephone Laboratories, Inc. Mr. and Mrs. Cowan live in Murray Hill, New Jersey.

WINFIELD WARE DUDLEY, BPA '55, is a Line Mechanic for United Airlines. Mr. and Mrs. Dudley live in Silver Spring, Maryland.

MR. and MRS. DAVID DANIEL EIGEN-BRODE, Agr. '55, H.Ec. '56, live in Frederick, Maryland. Mrs. Eigenbrode is the former Naney E. Devilbiss. Mr. Eigenbrode is the Assistant County Agent for Frederick County. They have two ehildren.

VALERIE E. WALKER, H.Ec. '56, is a member of the editorial staff of Ladies Home Journal. Miss Walker has just won a 10-day trip for two to Monaeo, given by the Chemstrand Company.

Dr. Alva Morgan Golden, Ph.D. '56, is a Nematologist with the U. S. Department of Agriculture. Dr. Golden lives in College Park. He has one son.

GLENN BERTRAM HARTEN, A&S '56, is currently studying law at George Washington University. Mr. and Mrs. Harten live in Riverdale, Maryland. Mrs. Harten is the former Elaine M. Ecsery.

DR. VIRGIL ROY HOOPER, M.D. '56, is a physician specializing in anethesiology. Dr. Hooper lives in Flint, Michigan.

ROBERT C. HUR, A&S '56, is the Assistant to the Publisher of the Congressional Quarterly, Inc. Mr. Hur lives in Silver Spring, Maryland. He has one

Francis M. Dreessen, Agr. '57, is an officer in the U.S. Navy. He lives in Lawrence, Kansas. Lt. Dreessen has three children.

VALENTIN D. DULAY, A&S '57, is a property insurance underwriter. He lives in Hyattsville, Maryland.

ANDREW DUTKANYCH, Mil. Sci. '57, retired from the U.S. Army in 1962 after 20 years of service. He is currently managing a fine jewelry department in a department store. Major Dutkanyeh has two children and lives in Scymour, Connecticut.

Major Frederick V. Banse-Fay, Mil. Sci. '57, is an officer in the U. S. Army. He has three ehildren. His address is APO 143, San Francisco.

CHARLES P. FINN, Engr. '58, has joined Robertshaw-Fulton as branch manager for the eompany's Control Systems Division in the State of Virginia. Mr. Finn lives in Richmond, Virginia. He has three children.

RICHARD L. SHOCKLEY, A&S '58, is the sales division manager of the Greensboro office of Snelling & Snelling, personnel consultants. Mr. Shockley lives in Greensboro, North Carolina. He has one daughter.

MRS. ELEANOR SMITH CROWE, H.Ec. '58, is a housewife. Mrs. Smith lives in Dickson, Tennessee. She has two ehil-

MR. and MRS. RICHARD MARR CROW-LEY, BPA '58, Educ. '58, live in Plainsboro, New Jersey. Mrs. Crowley is the former Joan Asay. Mr. Crowley is an International Representative for R.E.A. Express. They have one son.

DR. ALBERT S. LUIZ, D.D.S. '58, is in the general practice of dentistry. He lives in Bedford, Massachusetts, Dr. Luiz has one son.

JEROME KELLER FARRELL, A&S '59, is a television producer-director. He and his wife live in Washington, D. C.

ROBERT THAYER FOSTER, Mil. Sci. '59, is a captain in the U. S. Air Force. Captain Foster lives in Wollaston, Massachusetts.

GERALD GOLDBERG, BPA '59, is a Supervisory Accountant with the U.S. General Accounting Office in Washington, D. C. Mr. Goldberg lives in Silver Spring, Maryland.

WALTER K. HERR, Engr. '59, is a Sales Engineer for the Defense Products Division of the Trane Company, Mr. Herr lives in La Crosse, Wisconsin. He has one son.

Major Wallace L. Hamilton, U.C. '59, is an Air Force officer. He is concurrently attending Air Command and Staff College, Air University, and George Washington University. His permanent address is Montgomery, Alabama. Major Hamilton has two sons.

#### THE SIXTIES

MAJOR JACK L. ROBERTSON, U.C. '60, is engaged in a 12-month course of instruction in the Thai language at the Language School, Presidio of Monterey,

Major James A. Driscoll, U.C. '60, U. S. Army, recently completed the Armed Forces Staff College in Norfolk, Virginia.

(Continued on next page)

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CAPTAIN WILLIAM A. RATHBONE, BPA '60, U. S. Army, recently completed the Aircraft Maintenance Officer Course at the Transportation School, Fort Eustice, Virginia.

Lt. Col. James A. Williams, U.C. '61, has been awarded the U. S. Air Force Commendation Medal in recognition of his meritorious performance of duty as operations staff officer at Ramstein A.F.B., Germany.

DR. and MRS. GEORGE F. BUCHNESS, D.D.S. '61, A&S '56, live in Baltimore, Maryland. Dr. Buchness is a practicing dentist. Mrs. Buchness is the former Mary L. Howell. They have one son.

LT. COL. HENRY L. CALDER, JR., U.C. '61, is currently a Professor of Military Science at West Texas State College. Col. Calder lives in Canyon. Texas. He has three children.

ROBERT J. CARSON, I.L.B. '61, is an Assistant United States Attorney, District of Maryland. Mr. Carson has two children. He lives in Havre de Grace, Maryland.

DR. CARLOS E. GIROD, M.D. '61, is

a first year resident in Internal Medicine. He and his wife live in Hato Rey, Puerto Rico.

CAPTAIN ARCHIBALD E. LOEB, U.C. '61, recently completed the U. S. Air Force course for academic instructors at Maxwell A.F.B., Alabama. Captain Loeb has six children and lives in Norristown, Pennsylvania.

MAJOR FRED C. KLEVESAHL, U.C. '61, U.S. Army, is engaged in the Command and General Staff College course at Fort Leavenworth, Kansas.

LT. COL. ROBERT H. PRAHLER, U.C. '62, was recently awarded the U.S. Air Force Commendation Medal during a ceremony at Hickam A.F.B., Hawaii.

PAUL WESTIN, Engr. '62, is an Associate Engineer with Lockheed Missiles and Space Company in Sunnyvale, California. He is living in Santa Clara, California

HOWARD W. STONE, JR., Engr. '62, is an Aerospace Technologist for NASA at the Langley Research Center. Mr. Stone lives in Hampton, Virginia.

#### DR. HENRY A. B. DUNNING

Dr. Henry A. B. Dunning, Pharm., '97, died recently in Baltimore at the age of 85

Dr. Dunning, who was Chairman of the Board of Hynson, Westeott & Dunning of Baltimore, served as President of the Maryland Pharmaceutical Association in 1926 and was presented the first Honored Alumnus Award of the Alumni Association School of Pharmacy of the University of Maryland in 1950.

Dr. Dunning received his doctor of pharmacy degree in 1908 from the University of Maryland and took post graduate work at Johns Hopkins where he developed a number of original compounds and pharmaceutical products.

Dr. Dunning served as President of the American Pharmaceutical Association in 1929-30. He was awarded the Remington Medal in 1926 and honorary degrees from a number of universities.

The new School of Pharmacy Building in Baltimore was dedicated in his honor in 1958 as "Dunning Hall," and his leadership resulted in the erection of the Kelly Memorial Buliding, also on the Baltimore campus.

In addition to his wife, the former Ethel Adams, Dr. Dunning is survived by three sons, Dr. Charles A. Dunning, Dr. J. H. F. Dunning, and Dr. H. A. B. Dunning.

#### DR. W. WAYNE BABCOCK

Dr. W. Wayne Babcock, M.D. '93, who played a leading role in the development of spinal anesthesia in the United States and the introduction of steel wire sutures, died February 23 at his home in Bala, a suburb of Philadelphia. He was 90.

Dr. Babcoek was head of the Department of Surgery at Temple University School of Medicine for 40 years before he retired in 1943. While he was teaching at Temple, his students formed the Babcoek Surgical Society in his honor.

Dr. Babcoek was perhaps the only man in the country ever to have earned M.D. degrees from three institutions—the University of Maryland, the University of Pennsylvania, and the old Medico-Chirurgical College.

In 1954, Dr. Babcock was awarded the American Medical Association's Distinguished service gold medal, given annually to one physician in the United States. He was designated a master surgeon by the International College of Surgeons and held honorary degrees from Temple, Gettysburg, Ursinus and Villanova. He received the first distinguished alumnus award given by the University of Maryland Medical School.

Among Dr. Babcock's other contributions was the introduction of operative techniques for cancer of the colon and pelvis, repair of hernia and repair of divided nerves.

Survivors include his wife, the former Marion C. Watters; three daughters; and five grandchildren.

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# MARYLAND SPRING SPORTS SCHEDULE

#### VARSITY BASEBALL SCHEDULE

Date		Opponent	Location
March	28	SYRACUSE	Home
	29	DARTMOUTH	Home
April	1	HARVARD	Home
Î	4	GEORGETOWN	Away
	6	CONNECTICUT	Home
	9	NAVY	Home
	12	SOUTH CAROLINA	Home
	13	SOUTH CAROLINA	Home
	15	CLEMSON	Home
	16	CLEMSON	Home
	19	DUKE	Away
	20	WAKE FOREST	Away
	23	VIRGINIA	Away
	26	NORTH CAROLINA	Home
	27	NORTH CAROLINA STATE	Home
	29	PENN STATE	Home
May	3	NORTH CAROLINA	Away
	4	NORTH CAROLINA STATE	Away
	7	GEORGETOWN	Home
	10	DUKE	Home
	11	WAKE FOREST	Home
	14	VIRGINIA	Home

HEAD COACH: Jack Jackson Home Games begin at 2:30 P.M.

#### VARSITY GOLF SCHEDULE

Date		Opponent	Location
March	. 25	M.I.T.	Home
April	1	CLEMSON	Away
•	2	SOUTH CAROLINA	Away
	3	NORTH CALOLINA STATE	Away
	6	PRINCETON	Home
	9	GEORGETOWN	Home
	11	HOPKINS	Home
	22	WAKE FOREST	Home
	23	NORTH CAROLINA	Home
	26	PENN STATE	Home
	30	DUKE	Home
May	4	NAVY	Home
	6	VIRGINIA	Home
1	10-11	Hor	of Virginia, nestead, Springs, Va.

HEAD COACH: Frank Cronin

#### VARSITY LACROSSE SCHEDULE

Date		Opponent	Location
March	25 27 30	KENYON COLLEGE CORNELL PRINCETON	Home Home Away
April	4 6 11 15 20 27	HARVARD VIRGINIA NEW HAMPSHIRE DUKE UNIVERSITY OF BALTIMORE NAVY	Home Home Home Away Home Away
May	4 11 14 18	ARMY MARYLAND LACROSSE CLUB PENN STATE HOPKINS	Home Home Home Home

HEAD COACHES: Jack Faber and Al Heagy Home Games begin at 3:00 P.M., Weekdays; 2:30 P.M., Saturday; and 11:00 A.M., May 11.

#### VARSITY TENNIS SCHEDULE

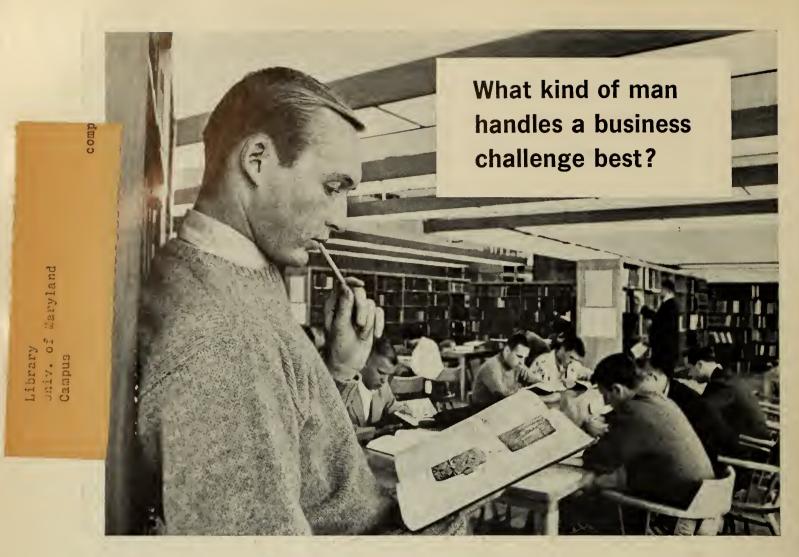
Date		Opponent	Location
March	28	SYRACUSE	Home
	29	NORTH CAROLINA STATE	Home
April	6	PENN STATE	Home
	9	GEORGETOWN	Away
	19	WAKE FOREST	Away
	20	NORTH CAROLINA	Away
	23	VIRGINIA	Home
	24	HOPKINS	Away
	27	NAVY	Home
	30	DUKE	Home
May	3	SOUTH CAROLINA	Home
	4	CLEMSON	Home
9-10	0-11	A.C.C. TOURNAMENT Chape	l Hill, N.C.

HEAD COACH: Doyle Royal

#### VARSITY OUTDOOR TRACK SCHEDULE

Date	Opponent	Location
March 30	FLORIDA RELAYS	Gainesville, Florida
April 6	SOUTH CAROLINA RELAYS  Columbia, South Carolina	
13	DUKE Durha	am, North Carolina
20	NORTH CAROLINA	Ноте
26-27	PENN RELAYS	Philadelphia, Pa.
May 4	NAVY	Annapolis
10-11	A.C.C.	Chapel Hill, N.C.
25	D.C.A.A.U.	Home
May 31-		
June 1	I.C.4A	New York, N.Y.

HEAD COACH: James Kehoe



## A board chairman talks about tomorrow's executives...

The Bell System has always sought men who could keep telephone service constantly improving. Men with exceptional engineering talent, men with equally outstanding managerial potential. Such men are widely sought on college campuses across the United States. And with the future of communications unfolding so rapidly, the search has intensified.

But still there is the old question to be answered, "What kind of man handles a business challenge best?" A midwestern college audience recently heard these comments in a talk by A.T.&T. Board Chairman, Frederick R. Kappel:

- "...We took the records of 17,000 college men in the business who could fairly be compared with each other, and, examining their records, sought the answer to the question: 'To what extent does success in college predict success in the Bell System?'...
- "...The results...
- "... The single most reliable predictive indicator of a college graduate's success in the Bell System is his rank in his graduating class.
- "A far greater proportion of high-ranking than low-ranking students have qualified for the large responsibil-

- ities....While a relationship does exist between college quality and salary, rank in class is more significant...
- "...What about extracurricular achievement?...Men who were campus leaders reached our top salary third in slightly greater proportion than those who were not. But it is only real campus *achievement* that seems to have any significance. Mere participation in extracurricular goings-on does not...
- "...What we have here, as I said before, are some hints—rather strong hints—about where to spend the most time looking for the men we do want, the men with intelligence plus those other attributes that give you the feel, the sense, the reasonable confidence that they will make things move and move well....They want to excel and they are determined to work at it...
- "...Business should aspire to greatness, and search diligently for men who will make and keep it great..."

Frederick R. Kappel, *Chairman of the Board* American Telephone and Telegraph Company



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# Maryland magazine



Volume XXXV Number Three • May-June 1963

- THE ALUMNI RETURN
- THE CARMICHAEL CUP GOES TO MARYLAND
- THOREAU THE REBEL
- University Concludes Space 'Flight' Experiment



Volume XXXV

Number 3



The Alumni Return
University Concludes Space 'Flight' Experiment
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The Alumni Diary
Alumni and Campus Notes
Thoreau, the Rebel
The Carmichael Cup Goes to Maryland
Inside Maryland Sports
Through the Years

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Th



## Alumni Return

Mater for a look at a great, growing university and to squeeze their emotions a bit with memories of their own and the University's past.

The event was the traditional Alumni Day held in the Spring of each year; this year convened May 11 at College Park.

One alumnus, who had not toured the grounds for almost a decade, summed up the mood of many when he said!

"I had intended to come to College Park as an interested citizen and not as a sentimental alumnus worshipping the days of his youth. I thought I would view the campus and the University with great practicality with an eye to what was happening to my good tax dollars,

"But when I saw this place with its towering buildings, its tremendous strength implied in the sweep of the lawns, and its great halls, and then I saw myself and a friend I had known in this perspective, I was very much moved. I really never realized how much of my heart was in this place, and how much of it always will be."

A leisurely morning bracer of coffee greeted alumni in the registration area of the Student Union. There, alumni met to associate in two's and three's and then to join class meetings.

The Golden Jubilee Class, the 50-year veterans of the Class of 1913, were warmly greeted and became the center of considerable activity. Also in the spotlight were 23 members of the Class of 1938 who returned for their 25th reunion. The Spring reunion of the alumni of the College of Home Economies convened in the Maryland Room of the College.

Mrs. E. V. McCollum, nutritionist and home economist, received the group's certificate of recognition. The certificate was presented by Mrs. Erna Riedel Chapman, '34, Vice President of the Alumni Association of the University of Maryland. Joanne Moser, a June graduate of the College, received the outstanding senior award.

Dean Sclma Lippeatt spoke to the group of her experiences as consultant to the home economics program at the University of Caldas, Manizales, Colombia. She was followed by Professor T. Faye Mitchell, who spoke of her travels through the Pacific.

Sports enthusiasts quickly headed for Byrd Stadium to watch Maryland get the best of the Maryland Lacrosse Club, by a score of 17-3.

But the main body of alumni started through the line of an informal buffet luncheon at approximately 11:30 a.m. For a brief time in their busy lives, many alumni were able to lunch at a leisurely pace, enjoying their companions and their food which featured Maryland ham and fried chicken as entrees.

Some alumni met in business sessions and elected officers.

Alumni were spectators at the annual Spring football clash which, for the Maryland team, is the finishing action in their Spring football drills. This was an intra-squad game, extremely well matched, between the Free Staters and the Old Liners. The names are those of major student political organizations. The Free Staters skimmed by the Old Liners, 7-6.

Over in Shipley Field, Maryland took it on the chin to a good Wake Forest baseball team, 6-3.



Alumni who were headed toward "An Evening at the Union" were served an informal supper in the main eafeteria of the Student Union, and then dispersed to enjoy the fine facilities of the center. These activities included bowling, billiards and card games.

Those alumni who honored the University by their presence included the following:

#### 1913

From the Class of 1913, celebrating its Fiftieth Reunion, were ten stalwarts. They were Henry "Pete" Ames of Arlington, Virginia; Emory W. Benson, Sr., of Coekeysville, Maryland; J. Philip H. Mason, Doswell, Virginia; George B. Morse, all the way from South Pasadena, California; Edwin E. Powell, Towson; J. Rowland Reichard, Hagerstown; Harry W. Townshend, Mitchellville; Ernest Trimble, Coraopolis, Pennsylvania; Charles M. White, Cleveland, Ohio; and Lea Willson, Bethesda.

#### 1918

The Class of 1918 celebrating their forty-fifth year was represented by J. Homer Remsberg, Middletown; and Mordeeai Ezekiel, Washington, District of Columbia.

#### 1923

Returning to participate in their 40th Anniversary with members of the Class of 1923 were Mrs. Mildred Bohar, nee Blandford, of Hyattsville; L. P. Downin of Alexandria, Virginia; C. W. England, Silver Spring; Austin A. Me-Bride, of Huntingdon, Pennsylvania; A. G. Wallis, Cumberland; Charles E. White, Hyattsville; and Audrey K. Zuliek, nee Tillium, of Laurel.

#### 1928

Representing the Class of 1928 for their 35th Anniversary were J. Slater Davidson, Jr., of Chevy Chase; Paul L. Doerr, Washington, District of Columbia; Horace R. Hampton, Bethesda; Joseph G. Harrison, Berlin; Mrs. Phyllis M. Lovell, nee Houser, of College Heights Estates; Mrs. Nova T. Melsaae, nee Thompson, Arlington, Virginia; Mrs. Victor S. Myers, nee Louise Marlow; E. R. Nieholas, St. Augustine, Florida; Ralph Powers, Upper Marlboro; William H. Press, Washington, District of Columbia; Elmer H. Rehberger, Alexandria, Virginia; C. Wightman Seabold, Reisterstown; Reese L. Sewell, Bethesda; Evelyn E. Shank, nee Eve Eckert; J. W. Strohman, Chevy Chase; Mallery O. Wooster, Falls Church, Virginia.

#### 1933

Seventeen members of the Class of 1933 registered for their 30th Reunion. They were Norman B. Belt, Hyattsville; Howard M. Biggs, Bethesda; J. Tilghman Bishop, Queenstown; John H. Bowie, Hagerstown; Dorothy S. Doyle, nee Simpson, Searsdale, New York; John T. Doyle, Searsdale, New York; Guy W. Gienger, Hyattsville; Mrs. Dorothy L. Goaeh, nee Lane, Washington, District of Columbia; Robert T. Haas, Ellicott City; Harry E. Hasslinger, College Park; C. Gilbert Hoffman, Sr., Annapolis; John W. Krasauskas, Takoma Park; H. Hume Mathews, Mountain Lakes, New Jersey; Riehard B. Murdoeh, College Park; Norman E. Prinee, Hyattsville; Neil C. Read, Silver Spring; and Carroll F. Warner, Bethesda.

Alumni Association President, Harry Hasslinger, left, and Mrs. Erna Chapman, Association Vice President, chat with a fellow alumnus.



#### 1938

For their 25th Anniversary, the Class of 1938 had twenty-three members who returned to enjoy Alumni Day, 1963. They were Herbert Baker, Waynesboro, Pennsylvania; Charles L. Benton, Hyattsville; David L. Brigham, Sandy Spring; Letitia S. Burrier, Baltimore; Harold L. Cladny, Washington, District of Columbia; Robert S. Diggs, Wallingford, Pennsylvania; Charles L. Downey, Williamsport; Abram Z. Gottwals, Salisbury; Joseph Henderson, Baltimore; Curtis L. Hollister, Silver Spring; Eleanor C. Kalivoda, nee Cruikshank, Hydes; Albin O. Kuhn, College Park; Keith Lawson, Raleigh, North Carolina; Henry Latterner, Jr., Washington, District of Columbia; Charles H. Pierce, Jr., Silver Spring; Col. J. Logan Schutz, Columbus, Ohio; Dr. Harry Schwartz, Wakefield, Massachusetts; G. William Seabold, Glyndon; Clay W. Shaw, Stewartstown, Pennsylvania; James Turnbull, Silver Spring; Isabel H. Turnbull, nee Hamilton, Silver Spring; Bob Walton, Ft. Bragg, North Carolina; Donald H. Williams, Kensington.

#### 1943

The Class of 1943 had fifteen members who registered for their 20th Anniversary. They were Tom Bourne, College Heights Estates; Donald M. Boyd, Rockville; Lois H. Butler, nee Suit, Fallston; Clarice G. Counts, nee Glickman, Landover; Ruth Dubb, Baltimore; Mary Dunn, Hyattsville; Louis Flax, Silver Spring; Larry Q. Green, Wilmington, Delaware; Thornton F. Green, Adelphi; Charles R. Hayleek, Jr., Hyattsville; L. D. Hoffman, Jr., Silver Spring; Walt Longaneeker, Arlington, Virginia;



Betty J. Naylor, nee Jacoby, Springfield, Pennsylvania; Glen Weston, Springfield, Virginia; Elizabeth G. Weston, nee Gruver, Springfield, Virginia.

#### 1948

The 1948 Class members who registered for their 15th Anniversary were Barbara McCuteheon, Braddoek Heights; H. W. Sehab, Annapolis; Betty Nina Smusyn, nee Langmack, Roekville; Edward R. Talone, Silver Spring; Hortense (Bunny) Tugler, nee Bunting, Towson; Janet M. Young, Middletown; and Robert O. Zeller, Hyattsville.

There were many others from Classes not celebrating formal Five-year Reunions, who visited the Student Union to register, and among these were some wonderful old timers who preceded the 50-year Reunion Class. They were Dr. T. B. Symons, College Park, Class of 1902; E. P. Walls of Hyattsville, of the Class of 1903; J. J. T. Graham of Bowie, for the Class of 1906; also J. Hunter of Church Hill, of the Class of 1906; George G. Becker of Chatham, New Jersey; and Barney R. Cooper of Worton, Maryland; and still a third, Carroll A. Warthen, Huntingtown P. O., Calvert County, all of the Class of 1908. Col. O. H. Saunders, Washington, District of Columbia, represented the Class of 1910; Lindsay McD. Silvester of Washington, District of Columbia, for the Class of 1911, and for the Class of 1912 we had Nathan R. Warthen, Kensington.

Other proud alumni were Dr. Reginald Truitt, Stevensville, 1914; Lee R. Pennington, Chevy Chase, and William T. Perkins, Hyattsville, both of the Class of 1915; Leslie E. Bopst, Hyattsville, Class of 1916; Seymour W.

Ruff, Randallstown, Class of 1917, and James W. Stevens, Baltimore, of the Class of 1919.

From the Class of 1920 were Ted Bissell, University Park; and Dean of Men, Geary Eppley, University of Maryland. The Class of 1921 had Wm. Paul Walker, College Park; and A. W. "Gus" Hines, Gaithersburg; J. Verno Lemmert, Baltimore; and Clayton Reynolds of Denton; all three from the Class of 1922. There were George S. Langford, College Park, of the Class of 1924; Victor S. Myers, Laurel, of the Class of 1925; Dr. Roy H. Bridger, Silver Spring, and Olive W. McBride, nee Wallace, Huntingdon, Pennsylvania, both of the Class of 1926.

There were five who registered from the Class of 1927. They were Mylo S. Downey, College Park; Josephine M. Blandford, Washington, District of Columbia; Elizabeth J. Taylor, Washington, District of Columbia; Egbert F. Tingley, Hyattsville; and Helen R. White, nee Rose, Hyattsville. Five members of the Class of 1929 registered: Ray Colburn, Havre de Grace; Robert Lee Evans, Arlington, Virginia; Aaron Friedenwald, Baltimore; E. T. Loane, Baltimore; and Fred Wallett, Baltimore.

Mrs. Foster W. Nixon, nee Marian Lane, Silver Spring, and W. Lawrenee Smallwood, Washington, District of Columbia, were representing the Class of 1930. For the Class of 1931 were G. Clifford Byrd, Arlington, Virginia, Chieken McNutt Krieker, nee McNutt, Sandy Spring; and C. W. Tawney, 1416 Northgate Rd., Baltimore. The Class of 1932 had Louis W. Berger, Rockville; W. A. Burslem, Hyattsville; and S. Chester Ward, College Park, to represent them.

Twelve members of the Class of 1935 registered: Charlotte F. Hasslinger, nee Farnham, College Park; Miss Clara M. Dixon, Glen Burnie; John C. Dye, Silver Spring; Jacob Friedman, Chillum; Jacob B. Selar, Silver Spring; Llewellyn H. Welsh, Bethesda; Traey Coleman, Silver Spring; Virginia Coleman, nee Ijams, Silver Spring; Dr. David V. Lumnsden, Chevy Chase; Dorothy L. Ordwein, Glen Burnie; Paul R. Poffenberger, Silver Spring; and Frank Wise, Chevy Chase. For 1936, we had John W. Cronin, Hyattsville; Col. Edward M. Minion, Aberdeen; and Paul E. Mullinix, Riehmond, Virginia. The Class of 1937 had Henry E. Butler, Fallston; Edith B. Downey, nee Bell, Williamsport; Matthews J. Haspert, Towson; and Mrs. Paul E. Mullinix, nee Carolyn Young, Riehmond,

The Class of 1928.





Senior Alumni at the Union.

Virginia, to represent it. George Knepley, Falls Church, Virginia, and Paul M. Galbreath, College Park, represented the Class of 1939.

The Class of 1941 had five members register: Howard M. Bailey, Easton; Ralph Frey, Takoma Park; James M. Lanigan, Jr., College Park; Norman A. Miller, Jr., Harwood; Marjorie R. Wharton, nee Ruppersberger, Catonsville. There were eight members from the Class of 1942 who registered, as follows, Frank Bentz, Silver Spring; John E. Cordyack, Frederick; M. D. Duvall, Bowie; Riehard H. Funke, Jr., Ellicott City; Frank "Bud" Heyer, Silver Spring; Bob Smith, College Park; Mrs. Joseph M. Steger, nee Newmaker, Cumberland; James H. "Pop" Wharton, Catonsville. For the Class of 1946, we had Leslie A. Smith, College Park; and C. Robert Varndell, Baltimore; Mrs. Mildred W. Going, nee Wiker, Silver Spring; and James A. Stapp, College Park; and Ruth K. Townshend, Mitchellville, registered for the Class of 1947. Members of the Class of 1949 who registered were Edward S. Beach, Jr., Hyattsville; E. P. Beachum, Bethlehem, Pennsylvania; Lewis G. Cook, Glen Burnie; and Robert C. Wiley, Adelphi.

For the Class of 1952, we had Robert Chiodi, Doylestown, Pennsylvania; Frank M. Claggett, Upper Marlboro; Bernard A. Twigg, College Park; and Gordon H. Ward, Adelphi. The Class of 1953 had Dennis Abe, College Park; Abraham Kishter, Clinton, Iowa; Robert M. Langmaek, Beltsville; Capt. Douglas G. Robin, Hyattsville; and Thomas M. Russell, Silver Spring. Robert Geier, University Park, registered for the Class of 1954. For the Class of 1955, Albert C. Bauer, Beltsville, and Thomas P. Moran, College Park, registered. There were two who registered for the Class of 1956. They were Katherine Baine, College Park, and Franklin J. Jaekson, Washington, District of Columbia. Registering for the Class of 1958 were Matthew E. Booker, Hyattsville, and Col. Charles C. Lutman, Suitland. The Class of 1959 had Mrs. Eleanor J. Clark, nee Munsey, Rockville; William F. Clark, Rockville; and Larraine Elder, Rockville, to represent them. From the Class of 1961 were Barbara Mullinix, Riehmond, Virginia; and Thomas V. Saliga, Silver Spring, who registered. Winding up the list of the Class of 1962 were Paul W. Pendorf, Groton, Connectieut; Tom Sankovieh, Uniontown, Pennsylvania, and Ronald G. Wolf, Silver Spring.



Before massed microphones at their press conference: Mrs. Breen, Mr. Breen and Dr. Findley.

After Five Months Confinement

# University Concludes Space 'Flight' Experiment

A SIGNIFICANT EXPERIMENT IN HUMAN BEHAVIOR JUST concluded by the University's Space Research Laboratory has attracted considerable interest.

The experiment placed a 35-year-old man in a chamber where he lived for five months under a continuous and highly-programmed experimental environment.

The objectives of the experiment were: to examine a psychological environment for its adequacy in properly maintaining a subject over an extended period of time while the subject is under social isolation and geographical restriction; and to assess and improve the value of this new experimental approach as a research tool for answering specific behavioral and physiological questions.

Principal investigator was Dr. Jack D. Findley, of the Department of Psychology. Whilden P. Breen, Jr., a research assistant in the Space Research Laboratory, was the subject in the experiment.

The experiment was financed by a grant from the National Aeronautics and Space Administration and was part of an advanced program of research in the life sciences currently being conducted by the Office of Advanced Research and Technology, NASA.

Much of the information learned from the experiment will be applied to the problems inherent in manned space-craft. Advanced manned aerospace missions will require astronauts to spend extensive periods of time confined within space vehicles, orbiting space laboratories or stations and within extraterrestrial bases. In space environment, humans will be subject to many psychological, physiological and physical stresses which tend to decrease their efficiency. The University experiment is one of a series

of integrated investigations to discover the most advantageous methods of organizing the total living environment of subjects such that they may perform at appropriate levels for long periods of time under confined conditions that typify certain space activities.

Mr. Breen entered the specially designed chamber on November 17, 1962, and signaled for his release on April 17, 1963. His chamber consisted of three rooms, one of these 12-feet square, and two others alcoves of five square feet each. He was provided with a program of activities which covered many of the critical behaviors of normal existence, from recreational tasks to the obtainment of the necessities of life. The program was monitored in part by automatic equipment which recorded the subject's performances. Mr. Breen was also monitored visually by means of a television camera. The experiment was staffed around-the-clock by technicians and scientists.

When Mr. Breen ended his confinement five months to the day he entered, he established a new scientific record for the longest voluntary solitary confinement. But the real value of the experiment lay in the mass of information collected during the "flight."

"We have learned a great deal from this experiment," said Dr. Findley.

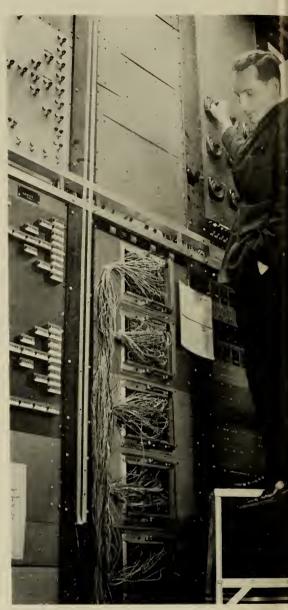
The University of Maryland is the largest educational facility located in the Washington, D. C., metropolitan area—an area which is fast becoming the scientific research center of the Nation.

This most recently concluded experiment of the Space Research Laboratory continues the pioneering work and interest of the University in the area of space research.



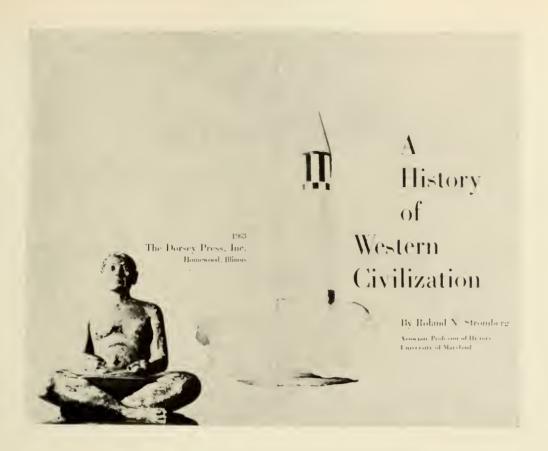


Left: interior of Breen's 'space' chamber. In the background right, is his pull-down bed; in the foreground, left is his eating table; in the center, his oil painting, conceived for purposes of recreation.



Above: Dr. Findley adjusts one of the electronic panels which controlled and monitored Breen's existence.

Right: a laboratory assistant checks a switch in another corner of the chamber.



Maryland Books and Authors

# A History of How Our Civilization Developed

A HISTORY OF WESTERN CIVI-LIZATION by Dr. Roland N. Stromberg. Published by the Dorsey Press, Inc., Homewood, Illinois, 1963. xvi, 794 p. \$11.95.

After the publication of so many history books dealing with Western civilization (especially within the last decade as Americans, conscious of their world role, turned to history to determine the factors of their rise), it might certainly be routine to report the issuance of this text. But the briliance of A History of Western Civilization warrants special attention.

Alumni (most of us, at any rate) remember their history lessons as fac-

tual recitals of the chronology of Man. In high school we were taught only American history. In college, we were instructed in European history, with clearly marked guideposts indicating the way to the new democracy in the New World.

Now, the world has changed. Western civilization as we understand it is under continued and strong challenge. Our ideals are questioned, from within and without. And so we turn back to our past, the roots of all of our knowledge to reexamine, and to refresh and strengthen.

To fully show the true meaning of our heritage, Dr. Stromberg combines historical fact with historical idea. On the origin of Man:

The ability to walk upright, on two feet instead of four, seems to have been the critical step on the road to Man's evolution as a creature capable of intelligent thought and rational action beyond all others. The skillful hand was decisive; not merely because with it Man could make tools, but because he could protect his head and procure his food, thereby releasing the skull from a weight which limited brain capacity.

#### The Hebrews:

Thus the Bible is a great series of dramatic scenes and memorable events—a "story-telling masterpiece." But it is more



than that, of course. Most primitive peoples have strong imaginations, desert peoples perhaps most of all. What was singular about the Hebrews was their monotheism-their One God, a jealous god whose unity and soleness was attested by all the prophets. Yahweh, discovered by Moses, was more than a tribal god to be summoned up on military oceasions. In Hebraic history he was a powerful living presence who dominated the historical process and controlled all of nature. At length he became a universal God, who had picked Israel as his special agent but who reigned over all men. By means of history and by poetry, the Jews discovered a philosophical idea of profound import.

#### On Socrates:

He believed that Man had a soul, or that there was something of this sort that Man shared: a higher reality, spiritual in nature, existing somehow behind or beyond the apparent world of body and senses. It was this which guaranteed that Truth and Justice really existed, to be traced down amid the welter of shifting opinion and the amoral clash of political factions. To all future generations Socrates bequeathed this tremendous idea. Christianity would silently absorb much of the Socratic soul into its system, later; a Christian humanist of the Renaissance like Erasmus of Rotterdam would virtually canonize "Saint Socrates." Socrates left a myth for the West to build on; it was described in immortal languages by his most renowned pupil, Plato.

#### On Victorian stability:

(Queen) Victoria created a monarchy in the image of the respectable middle class. In doing so she did much to stabilize society and politics. As her long reign wore on, she took on the attributes of a national symbol-even an international one. For in this era of British ascendancy-when Lombard Street was the world's economic capital, and English liberalism the most widely shared article of politieal faith-"Victorian" became an adjective used to describe civilization over much of Europe and the United States.

#### On the Cuban Crisis:

In October, 1962, the world trembled for a moment, some thought, on the brink of catastrophe (the Cuba erisis, involving the threat of nuclear war between the Soviet Union and the United States), only to seize fresh hope from the successful surmounting of that crisis amid signs of a possible detente in the Cold War. The precarious nature of the human tenure on earth, poised between creation and disaster, was never more poignantly illustrated.

This technique of combining facts and ideas into a "history of ideas" forms the book's style of presentation. In this respect, Dr. Stromberg has drawn on the concept of the history of ideas pioneered by the late Professor Arthur O. Lovejoy, who served as a member of the University of Maryland Board of Regents, 1951-1955, and who, for many years, served as Professor of Philosophy at The Johns Hopkins University.

"History," Dr. Stromberg believes, "can be a meaningless collection of facts. To understand the lessons of history, to give it meaning, facts must be interpreted, the student's imagination must be kindled."

"Basically, our heritage of the past concerns not so much the wars of the Greeks, but their method of rational and scientific thought. The text of *A History of Western Civilization* strongly reflects my interest in intellectual history."

Dr. Stromberg has been teaching western civilization and European history for 14 years and his text is a natural outgrowth of this teaching experience. He estimates that at the University, perhaps 1,000 students a year are enrolled in the two-semester course of western civilization. This figure expands to approximately 100,-000, when applied to all American colleges and universities. In a recent development, Maryland public schools now include in their curriculum a course of study dealing with world history, in addition to the traditional courses in American history.

Students who are not mature find the western civilization course difficult. "High school students are generally not capable of receiving the maximum advantage from a history course because of their lack of maturity and experience. For several years I taught in the University College overseas program. I found students there excelling in their work, for the reason that their intellects were mature and their experience considerable."

Dr. Stromberg has been a member of the Department of History since 1949. He is the author of A History of European Civilization and, with others, The United States: A History of Democracy. His most recently published book is Collective Security and American Foreign Policy: From the League of Nations to NATO. His articles have been published in the Journal of History of Ideas, History Today and the Journal of Economic History, and he has contributed essays to several anthologies dealing with international relations. He is also the author of Religious Liberalism in 18th Century England, a book based on his Ph.D. dissertation and published by the Oxford University Press, London. Dr. Stromberg received the degree Doctor of Philosophy from the University of Maryland.

Alumni interested in a unique and brilliant account of how their civilization developed should visit their bookshop to inquire about the availability of *A History of Westeru Civilization*.

R. H. B.

THE GENERAL ALUMNI COUNCIL SCHOOL AND COLLEGE REPRESENTATIVES:

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Hon. W. Albert Menchine, '29 Dr. G. Kenneth Reiblich, '29 Dr. G. Kenneth Reiblich, Hon. Joseph L. Carter, '25

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Mrs. E. Elizabeth Roth Hipp, '29 Miss Doris Stevens, '51 Mrs. Kathryn P. Donnelly, '48

Hyman Davidov '20 Samuel I. Raichlen '25 Dr. Frank J. Slama '24

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ALUMNI CLUB REPRESENTATIVES.

ALUMNI CLUB REPRESENTATIVES:
Baltimore—John L. Lampe, A&S, '50
"M" Club—George W. Knepley, Edu., '39
Montgomery County—Donald M. Boyd
Pittsburgh—A. B. "Budd" Fisher, Eng '26
Prince Georges County—
Dr. John W. Cronin, DDS '36
Richmond—Paul Mullinix, Agr. '36
Terrapin—James W. Stevens, Agr. '19
U. S. Department of Agriculture—
William H. Evans, Agr. '26
Washington County—

Washington County— Charles B. Huyett, A&S '53



LUMNI DIARY

T IS GOOD TO BE WANTED, TO BE RUMEMBURED, AND TO BE WILCOMED home. Alumni Day, alumni banquets, class reunions and Commencement . . . There is ever the constant flow of new faces and new ambitions to the outside, and the return of older faces, with the pride of accomplishment, to the starting point. This is the story of the University. The younger use the college springboard to meet the challenges of maturity. The older take pleasure in the return which enables them to tell in a modest way of their own achievements, while at the same time learning of the progress of others, in which they have had a deep interest.

For 17 years we have had the personal experience of moving in the inner circle of both Commencement and Reunion preparations. We have completely enjoyed the end product of good fellowship, friendship and tall tales. Basically, this is a primary function in alumni work. You prepare the way for the new alumnus and you enjoy the satisfaction of visiting with those who return briefly to report progress in the battle of life.

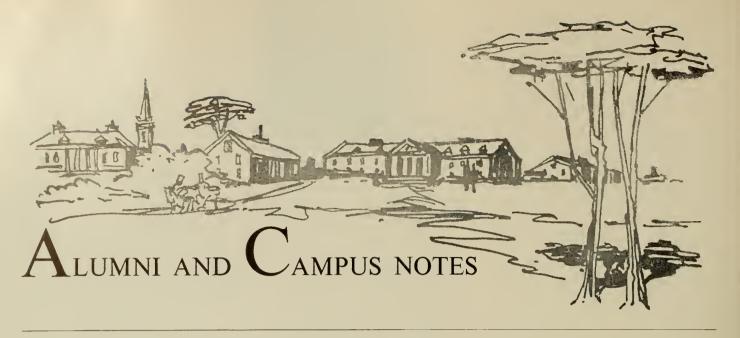
It is an old story, but deeply significant. The young man left his family and his home to seek his fortune in his own way. For a time those who had contributed most to his preparation were forgotten and ignored. The years passed and an aging mother and father received a letter. Briefly it stated "I will be on the train next Wednesday. If I am welcome at home, after the years of heartache and neglect, please hang a white cloth on the cherry tree at the edge of town. If there is no cloth, I will know I am not welcome." When the train reached the town limits, a passenger viewed an old tree completely covered with bed sheets.

It is understandable that younger alumni have many factors in their lives which prevent their giving time and attention to their Alma Mater. There are homes to establish, families to create, employment obligations, social activities, and financial pressures. These are understood and appreciated. The point to remember is that always the University of Maryland has a welcome sign on its gate for any of its own, both of the past and the future. Perhaps the face has changed, and many features are different. Underneath are the same identifying characteristics, which assure the returning Alumnus that it is still his University, and that the service which he obtained in his quest for knowledge is still available to others like him. The graduate who returned for a 50th anniversary with his classmates knew he had come home. knew he was welcome, and was certain that the future was bright.

Life is indeed short! How many times we have heard it said "It seems we only graduated yesterday." Some sage has said "We come into this life crying, while those about us smile. Our objective must be to live a life which will enable us to depart smiling, while those about us ery." It has been good to re-live old days, but it has meant even more to be a part of the preparation for an unexplored tomorrow.

Sincerely,

DAVID L. BRIGHAM Alumni Secretary



#### UNIVERSITY CALENDAR OF ACTIVITIES

MAY

- 30 Memorial Day, Holiday
- 31 Pre-Examination Study Day

JUNE

1-7 Spring Semester Examinations

- 2 Baccalaureate Exercises, College Park
- 8 Commencement Exercises, College Park
- 17-22 Rural Women's Short Course
  - 24 Summer Session Registration

25 Summer Session Begins

**JULY** 

4 Independence Day, Holiday

AUGUST

5-10 4-H Club Week

#### Annual Pharmacy Dance

The Annual Entertainment and Dance (Valentine Dance) of the Alumni Association of the School of Pharmacy was held at the Emcrson Hotel.

Milton A. Friedman, First Vice-President, acknowledged the presence of approximately 300 students, faculty members, guests and members of the Association.

President Sam A. Goldstein extended the welcome and introduced special guests, Harry E. Hasslinger, President of the General Alumni Association; John Lampe, President of the Baltimore Club of the University of Maryland, and Mrs. Lampe; and David L. Brigham, Director of Alumni Relations at College Park.

Harold Levin and Herman Bloom were co-chairmen of the entertainment, which featured Barbara Capanos, singing star of the William Bendix Show Boat, and Don Garnett, hypnotist, who selected several persons from the audience for a demonstration.

Music for entertainment and dancing was provided by Abe Guard and his Buddy Deane T.V. Orchestra.

Co-chairmen of the Souvenir Program were Aaron M. Libowitz and Harold Levin. This program provides the Association with some three thousand dollars to carry on its activities, including scholarships through the Student Aid and Scholarship Commit-

tee for students entering pharmacy who are worthy and in need of financial aid.

Solomon Weiner and George Stiffman served as co-chairmen of the ticket committee.

Door prizes were donated by the Whitman Candy Company, Allen & Sons, I. & L. Candy and Tobacco Company, Muth Bros. & Co., Calvert Drug Co., Loewy Drug Company, H. B. Gilpin Company and Seven-Up Bottling Company.

President Goldstein expressed his appreciation to committee members and others who contributed to the success of the affair.

#### Chem Alumni Meet in California

A University of Maryland luncheon was held on April 3 at the Statler-Hilton Hotel in Los Angeles, California, for Chemistry alumni, in conjunction with the spring meeting of the American Chemical Society. There were 13 alumni present.

The lunchcon was arranged by Dr. Ronald Brown, B.S. '32, Ph.D., Harvard '39, head of the Chemistry Department at the University of Southern California in Los Angeles.

Dr. Gilbert Gordon and Dr. Gordon Atkinson of the Chemistry Department presented papers at the Spring meeting of the Society, along with Mr. Robert Argauer, graduate assistant in the Chemistry Department, who presented a paper by Dr. Charles E. White, head of the Chemistry Department.

## School of Dentistry Dean is Appointed

Dr. John J. Salley, Professor and Chairman of the Department of Oral Pathology at the Medical College of Virginia, has been appointed Dean of the University of Maryland School of Dentistry effective July 1. He will succeed Dr. Myron S. Aisenberg who will retire in June after 41 years of service.

The newly appointed Dean was born in Richmond, Virginia, in 1926. He attended the Richmond public schools, Virginia Military Institute, Lexington, and the Richmond Professional Institute of the College of William and Mary, Richmond. He holds both the degrees of doctor of dental surgery which he obtained from the Medical College of Virginia in 1947 and the degree of doctor of philosophy in pathology which he obtained from the University of Rochester School of Medicine and Dentistry in 1954.

Dr. Salley, an Air Force veteran, has had wide experience as an educator, consultant and researcher. He joined the faculty of the Medical College of Virginia in 1954 as an Instructor in pathology, oral diagnosis and therapeutics. Promoted to Assistant Professor of pathology and dentistry in 1955 and Associate Professor in 1959, he was clevated to the Chairmanship of the Department of Oral Pathology in 1960. He was appointed full Professor in 1962.

In addition to his academic duties, Dr. Salley is Coordinator of Cancer Teaching at the Medical College of Virginia, member of the Tumor Board of the Medical College of Virginia Hospitals, and Dental Consultant for the Commonwealth of Virginia.

He also serves as consultant in oral pathology to the Veterans Hospital in Richmond, National Institute of Dental Research in Bethesda and National Board of Dental Examiners, American Dental Association.

Dr. Salley is currently serving as a member of the Dental Study Section at NIH and Advisory Editorial Board of the *Journal of Dental Research*, and chairman of the American Cancer Society Institutional Grant committee at the Medical College of Virginia. The holder of numerous awards and honors, he was the recipient of the Outstanding Civilian Service Medal from the Department of Army in 1961.

Dr. Aisenberg has been Dean of the University of Maryland School of Dentistry since 1954. He was appointed Assistant Professor in the Dental Department of the University in 1922, the same year of his graduation and a year before the consolidation of the University department with the Baltimore College of Dental Surgery. The latter school, a forerunner of the present School of Dentistry, was established in 1823 and was the first dental school in the world and created the dental profession.

#### 18 Engineering Alumni Employed by Commission

University of Maryland Engineering graduates who are employed in the Washington Suburban Sanitary Commission Engineering Department include:

Chief Engineers Office-Robert J. McLeod, '37, Chief Engineer, Charles L. Armentrout, Jr., '48, Sr. Designing Engineer; Maintenance and Operations Division—James H. Lee, '51, System Maintenance Engineer, Raymond F. Stucker, '62, Assistant Engineer; Construction Division-Dock Y. Jew, '53, Sr. Assistant Engineer; Plans and Surveys Division-James A. Stapp, Jr., '47, Division Engineer; Clifford Hilton, '50, Sr. Designing Engineer, Robert J. Rothenhoefer, '52, Sr. Designing Engineer, Robert H. Baumgardner, '59, Bernard J. Bovelsky, '62, Harry E. Knight, '58, George Lambros, '60, Robert M. Russcll, '61, Stephen Tamburo, '62, Wyman

Williams, '56, Albert J. Zettler, '60, Designing Engineers; Materials Division—James B. Naurot, '55, Soils Engineer; Plumbing Division—John C. Hamilton, '43, Assistant Engineer.

#### Law Alumni Honor Judge Morris A. Soper

The Alumni Association of the School of Law held its annual banquet May 5 as a testimonial to the late Judge Morris A. Soper, in whose name an annual lectureship is to be established.

Dean William P. Cunningham delivered the principal address, reporting his plans for the future of the School.

The outgoing President of the Alumni Association, the Honorable W. Albert Menchine, presided as toastmaster and introduced the following list of officers for the ensuing year:

President, The Honorable Joseph L. Carter; First Vice-President, Thomas N. Berry; Second Vice-President, Samuel J. Fisher; Third Vice-President, Emma S. Robertson; Secretary-Treasurer, G. Kenneth Reiblich.

Executive Committee: Samuel W. Barrick, Perry G. Bowen, Jr., Frederick R. Buck, The Hon. Stewart O. Day, Clare Green Duckett, Benjamin A. Earnshaw, Frederick J. Green, Jr., Thomas Hunter Lowe, William H. Price, H. Paul Rome.

Dean Cunningham welcomed the graduating class to its forthcoming membership in the Association, and awarded the following honors and prizes:

The Elizabeth Maxwell Carroll Chesnut Prize, for good scholarship in a broad sense: Mona S. Lambird, Baltimore.

The Roger Howell Achievement Award, for leadership, scholarship, and moral character: Laurence M. Katz, Baltimore.

The Sam Allen Memorial Prize for leadership and scholarship: DAVID H. CLARK, Baltimore.

The Samuel S. Levin Prize, for character and leadership: WILLIAM H. PRICE II, Baltimore.

The Lawyers Title Award, for proficiency in the law of real property: Donald E. Sharpe, Baltimore.

The Nu Beta Epsilon Prize for the most significant piece of legal writing in the Maryland Law Review—LAURENCE M. KATZ.

The U. S. Law Week Award, for the most satisfactory scholastic progress during the final school year: ELZBIETA K. ADAMSKA, Towson.

#### ORDER OF THE COIF

A national law school honor society founded to encourage scholarship and to advance the ethical standards of the legal profession; only students among the first tenth of the senior class are eligible.

Student members elected
Joseph C. Finnerty, Jr., Baltimore.
John T. Joseph, Baltimore.
Laurence M. Katz, Baltimore.
Gerald A. Kroop, Baltimore.
Mona S. Lambird, Baltimore.
Lee N. Sachs, Baltimore.
Donald E. Sharpe, Baltimore.
Wilbur E. Simmons, Jr., Arnold.
David W. Simpson, Baltimore.

Faculty member elected
BERNARD AUERHACH, Assistant Professor of Law.

Honorary member elected

Judge William C. Walsh, Cumberland
member of the law firm Miles and
Stockbridge and member of the University of Maryland Board of Regents.

## MARYLAND LAW REVIEW CERTIFICATES

WILLIAM H. PRICE II, Baltimore.
LAURENCE M. KATZ, Baltimore.
DONALD E. SHARPE, Baltimore.
MONA S. LAMBIRD, Baltimore.
WILBUR E. SIMMONS, JR., Arnold.
JOHN O. DYRUD, JR., Brooklyn, New York.

John T. Joseph, Baltimore.
Robert W. Baker, Baltimore.
David H. Clark, Baltimore.
David S. Cordish, Baltimore.
Arthur K. Crocker, Baltimore.
J. Harlan Livezey, Aberdeen.
Allen L. Schwait, Towson.
J. Frederick Sharer, Baltimore.

## Announce Woodrow Wilson Fellowships

Three University of Maryland seniors have been awarded Woodrow Wilson Fellowships for 1963-64, it was recently announced by the Woodrow Wilson National Fellowship Foundation.

The three winners are Barbara Frances Bode, Comparative Literature; Mrs. Angela Moorjani, French and Russian; and Kenneth D. Rude, Economics.

Included in the Honorable Mention list are University students Clark L. Alden, History; Ulrich Gerlach, Physics; Iris M. Kaplan, Psychology; Margaret W. Leonard, Comparative Literature; and Mrs. Aija S. Ozolins, English.

The main function of the Woodrow Wilson Fellowship Foundation is to attract larger numbers of men and women to college and university teaching. The chief criterion for nomination is that a faculty member would consider the student worthy of being a colleague after graduate training.

# THOREAU the Rebel

by DR. CARL BODE Professor of English

#### ILLUSTRATIONS BY HOWARD BEHRENS

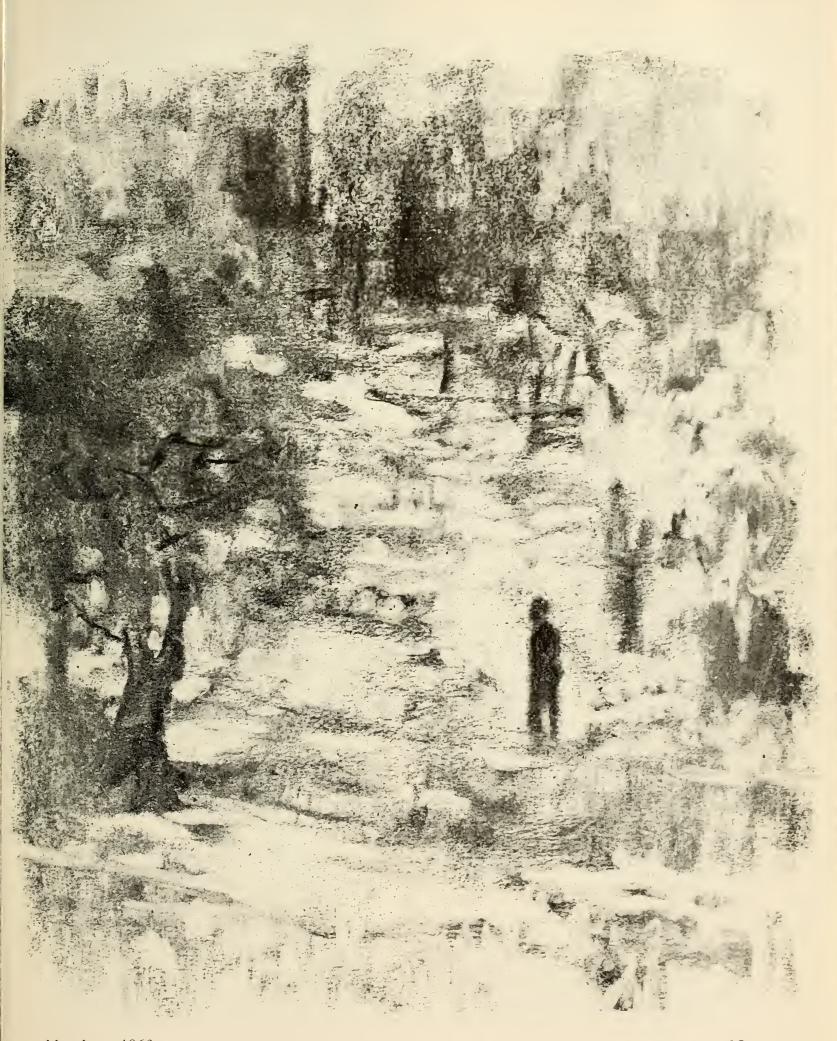
Many american writers of a century ago sleep quictly between the covers of our textbooks. Not Henry Thoreau. His ideas and attitudes go marching on, with a faster pace all the time. His writings were almost ignored while he was alive. Yet in our day they have played an important part even in world affairs. Their effect has been seen on someone as far away as Gandhi in India and as near at hand as the "Freedom Riders" on Route 40. Gandhi said of Thoreau, "His ideas influenced mc greatly"; and more than one member of CORE has taken Thoreau's writings with him to jail.

What makes Thoreau useful for us all is, I believe, that he questions so many things we take for granted. He makes us think about our assumptions, even though he may not lead us to abandon them. And he offers us lessons in the nature of right rebellion, lessons that we need in this age of conformity.

Thoreau was both a positive and a negative rebel. To take the negative side first, we might term him a "protestant," a born protester. We all have met the kind of man who automatically says no instead of yes. Thoreau was such a man. His best friend, Ralph Waldo Emerson, once said of him that "he did not feel himself except in opposition."

A characteristic aspect of his "protestantism" was the animosity he felt towards both his peers and the older generation. And it was a genuine animosity. It was something emotional as well as intellectual. Underlying it was Thoreau's deepening conviction that his ideas about value were superior to those of anyone around him but especially to those of his elders. He summed it up with whimsical irony in a famous passage from *Walden*:

THE GREATER PART OF WHAT MY NEIGHBORS CALL GOOD, I BELIEVE IN MY SOUL TO BE BAD, AND IF I REPENT OF ANYTHING, IT IS VERY LIKELY TO BE MY GOOD BEHAVIOR. WHAT DEMON POSSESSED ME THAT I BEHAVED SO WELL? YOU MAY SAY THE WISEST THING YOU CAN, OLD MAN—YOU WHO HAVE LIVED SEVENTY YEARS, NOT WITHOUT HONOR OF A KIND—I HEAR AN IRRESISTIBLE VOICE WHICH INVITES ME AWAY FROM ALL THAT. ONE GENERATION ABANDONS THE ENTERPRISES OF ANOTHER LIKE STRANDED VESSELS.



In political matters his "protestantism" stood out. He denied the basic premise of democracy in America, the belief in majority rule. He questioned the wisdom of the majority and rejected its claim to impose its will on the minority. As he asserted in his now famous essay Civil Disobedience, the majority was never necessarily right or necessarily fair to the minority. In fact, he implied that the contrary was true. Brute power alone allowed the majority to carry out its desires. Others in America also criticized majority rule at this time, particularly Southern political leaders in the debate on slavery; but no one went as far as Thoreau. In almost every situation he was a minority man.

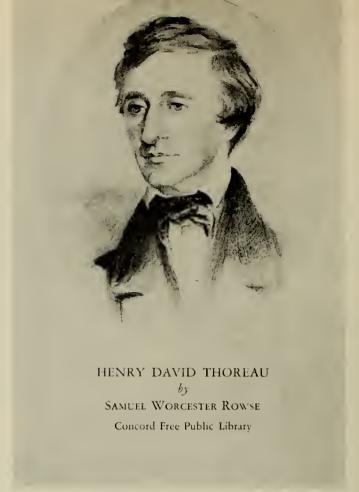
The State—that is, the government—personified the will of the majority and it was against the State that Thoreau soon rebelled. His protest began quietly, increased in vigor, was climaxed by a night in prison, and then diminished in the last few years of his life because the State let him alone.

In the years before the start of the Civil War there were two things that Thoreau rebelled against most earnestly, two things that struck him as being the grossest of wrongs committed by the government. One was the participation of the United States in the Mexican-American War of 1846. To Thoreau this was a war of imperialism. It was a war which no ethical reason for it and he thought that it should be opposed in every way. The other was the government position in the middle 1840's and the 1850's on slavery. Local and national government stood on the same side. Massachusetts itself-Thoreau's own state—not only countenanced the legal aspects of slavery but cooperated in returning escaped slaves to the South. The federal government took the position that slavery was protected by law and consequently must be upheld and defended to the extent that the law allowed.

Thoreau's protest against slavery was, to begin with, based on principle only. It was not motivated by zeal or by simple humanitarianism. We can see that when he says sharply that many abolitionists are fools and busybodies. They try to reform Negro slavery when they should start instead by reforming themselves. They lie enchained by prejudice, by ignorance, by stupidity. Let them pay attention to freeing themselves first and then fare South to free the Negro slave. Such was Thoreau's initial attitude.

However, as time went on he grew interested in, and then devoted to, the abolitionist movement itself. Towards the end of his life, he met the man who concluded his conversion to abolitionism. That was the militant abolitionist John Brown. Thoreau's most burning essays are dedicated to Brown's defense. By the time he met Brown, Thoreau himself was part of the underground railroad as an active abolitionist. But this was Thoreau in middle age. The early Thoreau had the feeling that reform, like charity, might well begin at home and begin with the individual rather than the group. Furthermore, he did not feel that he ought to be what is called in American political slang "a bleeding heart." He said in *Civil Disobedience*:

IT IS NOT A MAN'S DUTY, AS A MATTER OF COURSE, TO DEVOTE HIMSELF TO THE ERADICATION OF ANY, EVEN THE MOST ENORMOUS, WRONG; HE MAY STILL PROPERLY HAVE OTHER CONCERNS TO ENGAGE HIM; BUT IT IS HIS DUTY, AT LEAST, TO WASH HIS HANDS OF IT.



Thoreau suited the action to the word. He decided that if he was paying taxes or exercising any of his political rights, then he was involved in the State. And his duty was to disengage himself. As a matter of fact, he even sent a document, edged with irony, to the selectmen of his village, Concord, Mass., stating that

I, HENRY THOREAU, DO NOT WISH TO BE REGARDED AS A MEMBER OF ANY INCORPORATED SOCIETY WHICH I HAVE NOT JOINED.

The crucial issue was raised when Thoreau refused to pay his poll tax. He would pay his local road tax because he wanted to be a good neighbor, but not the State's poll tax. Finally Sam Staples, the Concord jailer, hailed him in and put him into prison; there, after he was introduced around, he settled for the night. He talked with some of the other inmates. He discovered that the noises of the town heard from within the prison were very different from what they had been to him outside. The next morning he breakfasted on chocolate and brown bread. About noon, "someone interfered," said Thoreau, and paid the tax. But Thoreau had made his point.

The foregoing can be described as the negative side of his rebelliousness. In his greatest personal document, *Walden*, we find the positive side as well. We also discover there the bridge between the negative and positive sides of the rebellion.

In Walden—which is basically an account of a year at Walden Pond but which is many other things beyond that—he addresses himself to two classes of people. They are those who have property and those who have not, or, to put it broadly, the rich and the poor. His rich man is the Concord landowner, the local farmer, but he stands as a symbol for the Boston merchant and the millionaire as well. Here is what Thoreau says to the man of property:

## Henry Thoreau,

## do not wish to be regarded as a member

## of any incorporated society which I have not joined.

I SEE YOUNG MEN, MY TOWNSMEN, WHOSE MISFORTUNE IT IS TO HAVE INHERITED FARMS, HOUSES, BARNS, CATTLE, AND FARMING TOOLS; FOR THESE ARE MORE EASILY ACQUIRED THAN GOT RID OF. BETTER IF THEY HAD BEEN BORN IN THE OPEN PASTURE AND SUCKLED BY A WOLF, THAT THEY MIGHT HAVE SEEN WITH CLEARER EYES WHAT FIELD THEY WERE CALLED TO LABOR IN. WHO MADE THEM SERFS OF THE SOIL? WHY SHOULD THEY EAT THEIR SIXTY ACRES, WHEN MAN IS CONDEMNED TO EAT ONLY HIS PECK OF DIRT?

When Thoreau arrived at Walden someone gave him a paper-weight. He discovered that it accumulated dust and that he would have to keep cleaning it if he wanted to be neat. His solution was to dispose of this little piece of property. He threw it out and kept the simple life inviolate.

This, then, is Thoreau on the man of possessions. But is he more sympathetic to the poor man, the man who stands in Thoreau's own shoes? Far from it. He does not consider that poverty in itself has any ennobling effect. He drives home his point:

SOME OF YOU, WE ALL KNOW, ARE POOR, FIND IT HARD TO LIVE, ARE SOMETIMES, AS IT WERE, GASPING FOR BREATH. I HAVE NO DOUBT THAT SOME OF YOU WHO READ THIS BOOK ARE UNABLE TO PAY FOR ALL THE DINNERS WHICH YOU HAVE ACTUALLY EATEN, OR FOR THE COATS AND SHOES WHICH ARE FAST WEARING OR HAVE ALREADY WORN OUT, AND HAVE COME TO THIS PAGE TO SPEND BORROWED OR STOLEN TIME, ROBBING YOUR CREDITORS OF AN HOUR. IT IS VERY EVIDENT WHAT MEAN AND SNEAKING LIVES MANY OF YOU LIVE, FOR MY SIGHT HAS BEEN WHETTED BY EXPERIENCE.

These salient passages from *Walden* are, for our purposes, the bridge between the negative and the positive side of Thoreau's rebellion. He first shows what desperately useless lives both the rich and the poor are leading. This done, he will show them how to live better; and he will do so through a classically artful account of his own experience.

The nature of the positive side of his rebellion is deceptively plain. Having repudiated the scale of values of his neighbors and his time, he wanted to find out what a proper scale of values should be. In this inquiry he had a cluster of questions to ask and answers to get. What is real and what is not? What is true and what is untrue? What is good, what is bad? He spent much of his youth working his way through these questions. In his late twenties he withdrew to a cabin besides Walden Pond, near Concord, and there he found much for which he had been looking. He put both his quest and its results in the book called *Walden*. And from time to time he also lectured about it to his townsmen and others. He had something to say to any group that would be willing to listen.

He explained his search and his intention with brilliant simplicity. Both the rich and the poor could understand it if they wanted to:

> I WENT TO THE WOODS, BECAUSE I WISHED TO LIVE DELIBERATELY, TO FRONT ONLY THE ESSENTIAL FACTS OF LIFE, AND TO SEE IF I COULD NOT LEARN WHAT IT HAD TO TEACH, AND NOT, WHEN I CAME TO DIE, DISCOVER THAT I HAD NOT LIVED, I DID NOT WISH TO LIVE WHAT WAS NOT LIFE, LIVING IS SO DEAR; NOR DID I WISH TO PRACTICE RESIGNATION, UNLESS IT WAS QUITE NECESSARY. I WANTED TO LIVE DEEP AND SUCK OUT ALL THE MARROW OF LIFE, TO LIVE SO STURDILY AND SPARTAN-LIKE AS TO PUT TO ROUT ALL THAT WAS NOT LIFE, TO CUT A BROAD SWATHE AND SHAVE CLOSE, TO DRIVE LIFE INTO A CORNER, AND REDUCE IT TO ITS LOWEST TERMS, AND, IF IT PROVED TO BE MEAN, WHY THEN TO GET THE WHOLE AND GENUINE MEANNESS OF IT, AND PUBLISH ITS MEANNESS TO THE WORLD; OR IF IT WERE SUBLIME, TO KNOW IT BY EX-PERIENCE, AND BE ABLE TO GIVE A TRUE ACCOUNT OF IT IN MY NEXT EXCURSION.

To Thoreau most of American living—whether in a factory or on a farm—was beside the point. It was almost sheer wastefulness. We were occupied with pursuits which were at the best needless and at the worst humiliating. Because we spent more time at business than anything else, business emerged as Thoreau's chief target. Perhaps nothing could give a better idea of the magnitude of what



Thoreau was rebelling about than the pronouncement of an American president who came after Thoreau but stood for the values that Thoreau denied. The president was Calvin Coolidge and he declared that "The business of this country is business." Thoreau would have hooted at that. His retort would have been that the business of this country is living, and living in terms of the most important possible things to its people. That was why, when Thoreau was offered work, was offered things to do, he usually turned them down. He talked once about a rich and stupid neighbor who wanted him to haul stones for a wall. Thoreau refused. Why should he waste his time?

The whole scale of values that he found in his Concord neighbors and in the nation affronted him. He argued against it again and again, sometimes with irony, sometimes with compassion, sometimes with ardor. But he always remembered to make the general specific. He himself was often the instance for the generalization. For example, he will speak about how a village praised a businessman who cut down its lovely forest—and yet criticized as an idler the man who wished only to walk through it.

But Thoreau is never merely negative. He is eager to replace the life he dislikes with a nobler one. And he has a pleasantly precise recipe, one designed as much, or more, for the reader of today as for the reader of Thoreau's time. The kind of prescription that Thoreau knows how to give will not age. He begins:

LET US SPEND ONE DAY AS DELIBERATELY AS NATURE, AND NOT BE THROWN OFF THE TRACK BY EVERY NUTSHELL AND MOSQUITO'S WING THAT FALLS ON THE RAILS. LET US RISE EARLY AND FAST, OR BREAK FAST GENTLY AND WITHOUT PERTURBATION; LET COMPANY COME AND LET COMPANY GO; LET THE BELLS RING AND THE CHILDREN CRY—(Thoreau was a bachelor)—DETERMINED TO MAKE A DAY OF IT. WHY SHOULD WE KNOCK UNDER AND

GO WITH THE STREAM? LET US NOT BE UPSET AND OVERWHELMED IN THAT TERRIBLE RAPID AND WHIRLPOOL CALLED A DINNER, SITUATED IN THE MERIDIAN SHALLOWS. WEATHER THIS DANGER AND YOU ARE SAFE, FOR THE REST OF THE WAY IS DOWN HILL. WITH UNRELAXED NERVES, WITH MORNING VIGOR, SAIL BY IT, LOOKING ANOTHER WAY, TIED TO THE MAST LIKE ULYSSES. IF THE ENGINE WHISTLES, LET IT WHISTLE, TILL IT IS HOARSE FOR ITS PAINS. IF THE BELL RINGS, WHY SHOULD WE RUN? WE WILL CONSIDER WHAT KIND OF MUSIC THEY ARE LIKE.

This is how to live in our search for reality.

Once reality has been found, a noble life can be built upon it. Thoreau believes that when we discover what is real, we can determine what is good and true. After the rebellion has been successful a new life can begin. So he suggests in the conclusion to *Walden*. The promise he holds out there to his reader is one of the most memorable in American letters:

IF ONE ADVANCES CONFIDENTLY IN THE DIRECTION OF HIS DREAMS, AND ENDEAVORS TO LIVE THE LIFE WHICH HE HAS IMAGINED, HE WILL MEET WITH A SUCCESS UNEXPECTED IN COMMON HOURS. HE WILL PUT SOME THINGS BEHIND, WILL PASS AN INVISIBLE BOUNDARY; NEW, UNIVERSAL, AND MORE LIBERAL LAWS WILL BEGIN TO ESTABLISH THEMSELVES AROUND AND WITHIN HIM; OR THE OLD LAWS BE EXPANDED, AND INTERPRETED IN HIS FAVOR IN A MORE LIBERAL SENSE, AND HE WILL LIVE WITH A LICENSE OF A HIGHER ORDER OF BEINGS.

# The Carmichael Cup Goes to Maryland



President Elkins receives a plaque commemorating Maryland's award of the Carmichael Cup. The Cup is held by William Carmichael, III, an advertising executive in Durham, North Carolina.

The University of Maryland has won the second Carmichael Cup for overall excellence in athletics in the Atlantic Coast Conference.

Awarded for the first time last year, when it was also won by Maryland, the Cup is named in honor of the late William Carmichael, Jr., former Vice President and Finance Officer at the University of North Carolina at Chapel Hill and North Carolina State College at Raleigh. Mr. Carmichael was greatly interested in all Atlantic Coast Conference sports; former Maryland and North Carolina football coach, Jim Tatum, was Mr. Carmichael's first cousin. The purpose of the Cup is to stimulate competition in all Atlantic Coast Conference sports.

The Cup winner is determined by the assigning of points according to Conference ranking in each of the 12 Conference sports:

COAST CHAMPIONSHIP EIGHT POINTS FIRST RUNNERUP SEVEN POINTS SECOND SIX POINTS THIRD FIVE POINTS FOURTH FOUR POINTS Fifth THREE POINTS Sixth TWO POINTS SEVENTH ONE POINT

In this year's competition, Maryland won championships in Lacrosse, Wrestling and Track and finished with a total point score of 78. Scores of the other schools in the Conference were as follows: Duke, 72; North Carolina, 69; Virginia, 48; Clemson, 40½; Wake Forest, 39; North Carolina State, 37, and South Carolina, 21½.

During the 1961-1962 sports year, Maryland won five championships: in soccer, swimming, indoor track, outdoor track and wrestling. Maryland's total point score was 72. The other schools in the Conference received these scores: Duke, 70½; North Carolina, 67½; Virginia, 46; Clemson, 43; North Carolina State, 39; Wake Forest, 37½; and South Carolina, 32½.

Over the years, Maryland has won six championships during the sports year on two separate occasions. No other school has *ever* won more than three in one year.

There are 12 Conference sports:

Fall	Winter	Spring
FOOTBALL	BASKETBALL	TĒNNIS
SOCCER	WRESTLING	GOLF
CROSS COUNTRY	SWIMMING	BASEBALL
	INDOOR TRACK	OUTDOOR TRACK
		LACROSSE

## Inside Maryland Sports by Neil La Bar, Director of Sports Information

The university of maryland spring sports teams came through the season with fine records as is their custom and we won the Carmichael Cup for the 2nd straight year, the only two times the Cup has been awarded.

The Cup is emblematic of overall excellence in sports in the Atlantic Coast Conference.

The Terp track team went undefeated with victories over Duke (100-45), North Carolina (113-31) and Navy (68-63) plus outstanding performances in the Florida Relays, South Carolina Relays, the Penn Relays and another smashing victory in the Atlantic Coast Conference Meet in Chapel Hill. Coach Kehoe's eindermen scored over 100 points in the Conference meet, winning the event for the ninth time in its ten-year history.

The Terrapin lacrosse team entered the final two matches of the year with a 9-2 mark, losing only to Ivy League Champion Princeton (13-9) and National Collegiate Champion Navy (17-9). The coaching combination of Jack Faber and Al Heagy guided the Terps past Kenyon (18-4), Cornell (17-10), Harvard (15-5), Virginia (11-9), New Hampshire (15-4), Duke (18-1), Baltimore (20-11), Army (11-6) and the Maryland Lacrosse Club (17-3).

Maryland's baseball team ended the season with a 10-12 record, more wins than last season and a definite trend for improvement next year. Coach Jack Jackson's nine beat Syracuse (12-1), Georgetown twice (19-4, 18-4), Connecticut (5-4), Navy (3-1), South Carolina (8-1), Clemson (2-1), Virginia (7-5), North Carolina (1-0) and Duke (4-3). Junior righthander John Klvac was a definite standout this season with a 6-1 record.

The Terrapin golf team did an outstanding job this Spring, extending their home course string of matches without a loss to over 30. Coach Cronin's swingers finished a close second to Wake Forest in the Conference tournament in Hot Springs, Virginia. The Terp golfers downed the Deacons earlier in the season, 15-6.

In tennis, the Terps finished third in the Conference behind powerful North Carolina and Clemson. The Tigers edged Coach Royal's netters, 5-4, during the regular season. The netters finished the regular season with a 10-3 mark.

#### A LOOK AT SPRING FOOTBALL . . .

Junior tailback Jerry Fishman could be the surprise of the 1963 football season and he would definitely be a pleasant surprise. The tailback position in Coach Nugent's I formation is a very vital spot in the offense. It is the position that requires a good runner. If the tailback happens to be a good runner, with size, then naturally this could be advantageous to the Terp offense.

Fishman has the size and is a good runner but can he stay sound physically? The East Norwalk, Conn., product looked like a potentially great runner as a freshman but last season sat out the year with the exception of three running plays that covered 14 yards.

Shiner against Penn State, last year.



I compare Fishman to the Yankees' Mickey Mantle in so far as injuries are concerned. He is so muscular, as is Mantle, that he is easily susceptible to muscle pulls in his legs and this happened last season although much of Fishman's trouble last year was described by doctors as calcium deposits in his leg.

Tailback has been an interesting position this Spring. We cannot forget last year's Atlantic Coast Conference rushing champion, Len Chiaverini. The twisting, turning junior gained 602 yards for the Terps last season on 156 carries. That averages out to nearly four yards per try, good in anyone's league. I know those of you that saw Lenny run last year enjoyed his determined squirming and diving for extra yardage.

Tackle Lou Bury was switched to the tailback spot the third week of Spring drills and frankly he looked as good as any power runner I've seen in a long time. The Baltimore junior looked good in the Spring game until Fishman replaced him for a rest and Fishman looked so good that he stayed in there to gain 148 yards on 26 carries.

All-America candidate Dick Shiner looked especially good, showing he is much quicker than last season in running. The fine signal-caller worked very hard all Spring and has trimmed down to 182 pounds and could be an excellent runner. We know he is one of the best passers in collegiate football.

As you know we lost many fine linemen through graduation and the concern is whether the Terps will be good enough up front to have another winning season. In the 7-6 Free Stater win over the Old Liners in the Spring game, it looked as though we will be tougher defensively than most observers expected before the game.

The proof will come September 21st in Byrd Stadium when the Terps open with tough North Carolina State. The Wolfpack returns most of last year's team that was one of the toughest the Terrapins met all last season.

One thing for sure, Coach Nugent will provide us with interesting football.

Scc you at the opencr.

# Through The Years

1895-1919

WALTER D. MUNSON, Engr. '10, is a retired engineer. Mr. Munson lives in Southbury, Connecticut. He has four children.

SIDNEY J. BROWN, Phar.D. '12, of Jacksonville, Florida, died on December 12, 1962.

MURRAY T. DONOHO, LL.B. '17, died at his home in Owings Mills, Maryland, after a long illness in January, 1963. Mr. Donoho was chairman of the board of Strayer Business College. He was 68.

HERMAN BADENHOOP, JR., LL.B. '12, has been retired since 1956. At retirement, Mr. Badenhoop was the Vice-President of the United States Fidelity & Guaranty Company of Baltimore. He lives in Pasadena, Maryland, and has three sons.

DR. Albert E. Goldstein, M.D. '12, is a practicing physician. Dr. Goldstein is one of our leading urologists. He is active in alumni work and is a past-president of the Alumni Council. Dr. Goldstein lives in Baltimore.

DR. WILLIAM LURTY BAUGHER, D.D.S. '12, is a practicing dentist. He lives in Harrisonburg, Virginia.

DR. ELBERT C. CARPENTER, D.D.S. '13, is a dentist living in Irvington, New Jersey.

B. OLIVE COLE, Pharm. '13, is an Emeritus Professor of Pharmacy of the University of Maryland, Miss Cole received her law degree from the University in 1923. She is a member of the Maryland Bar as well as a registered pharmacist in Maryland and Washington. Miss Cole lives in Baltimore.

RICHARD C. WILLIAMS, A&S '14, is retired and living in Grosse Point, Michigan. He was a chemist with Du Pont at the time of his retirement. He has two daughters.

FRANK N. BRITCHER, Pharm. '14, is a pharmacist and owner of Britcher & Bender in Gettysburg, Pennsylvania. Mr. Britcher has two daughters.

JOSEPH ROYAL BRUNSMAN, LL.B. '15, is a practicing lawyer. He lives in Baltimore, Maryland,

DR. CLIFTON E. KILLARY, D.D.S. '15, is a practicing dentist. The Killarys live in Rutland, Vermont.

DR. MAX K. BAKLOR, D.D.S. '16, is in the general practice of dentistry. Dr. Baklor lives in Baltimore, Maryland. He has one son.

REV. AND MRS. HERMAN M. WILSON, LL.B. '17, Educ. '24, live in Gaithersburg, Maryland. Mr. Wilson is the Administrator of the Asbury Methodist Home. Mrs. Wilson is the former Lillian Earnest. They have four sons.

PRESTON M. NASH, A&S '17, is retired after 22 years as Examiner-in-Chief of a chemical division in the U. S. Patent Office. Mr. and Mrs. Nash live in St. Petersburg, Florida.

DR. JOSEPH LUCIEN BROWN, M.D. '18, retired from ALR practice in 1949. Dr. Brown has three children. He lives in Gadsden, Alabama.

DR. MARTIN F. KOCEVAR, M.D. '18, is a physician. He lives in Steelton, Pennsylvania. Dr. Kocevar has two daughters.

#### 1920-1929

DR. DANIEL J. PESSAGNO, M.D. '20, is a surgeon and Professor of Clinical Surgery at the University of Maryland. Dr. Pessagno lives in Baltimore and has three children.

MRS. ETHELYN BAY DEVER, Nurs. '20, is retired after serving as a staff nurse for the Baltimore City Health Department from 1922 to 1960. Mrs. Dever lives in Baltimore, Maryland.

DR. RHEA WALTERS RICHARDSON, M.D. '20, is a physician living in Macon, Georgia. Dr. Richardson has four children

FREDERICK K. SLANKER, A&S '21, is retired after 35 years of service as an attorney with the Internal Revenue Service. He received his law degree from George Washington University in 1924, Mr. and Mrs. Slanker live in Washington, D. C.

DR. LOUIS B. SLIFKIN, D.D.S. '21, is a practicing dentist. He is an instructor of orthodontics at New York University. Dr. Slifkin lives in Trenton, New Jersey.

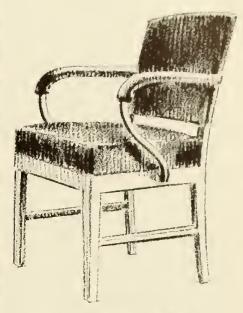
MRS. MILDRED S. JONES, Educ. '22, is employed by the government. She is the former Mildred P. Smith. Mrs. Jones lives in Arlington, Virginia. She has two daughters.

ALLEN D. KEMP, A&S '23, is a supervising adjuster with the Travelers Insurance Company. Mr. Kemp has two daughters, both of whom attended Maryland. Mr. Kemp lives in Bethesda, Maryland.

DR. J. B. SILVERMAN, D.D.S. '22, is a practicing dentist. Dr. Silverman lives in Long Beach, California. He has one son.

DR. GEORGE A. KNIPP, M.D. '23, is in the general practice of medicine. He lives in Baltimore, Maryland. Dr. Knipp has one son.

(Continued on next page)



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THEODORE J. HAHN, LL.B. '23, retired from the C. & P. Telephone Company in 1962 after 37 years of service. He is currently serving as a member of The Board of Parole and Probation, State of Maryland. Mr. Hahn has two sons and lives in Baltimore, Maryland.

DR. KARL J. MYERS, M.D. '23, is a radiologist at the Myers Clinic—Broaddus Hospital in Philippi, West Virginia. His son and daughter are both physicians. Dr. Myers boasts 12 grandchildren.

ELLIOTT P. OWINGS, Engr. '23, is a Highway Engineer, Chief Contract Control Section, Bureau of Materials and Research of the State Roads Commission. Mr. and Mrs. Owings live in Ellicott City, Maryland.

DR. JOHN ZASLOW, M.D. '24, is a practicing physician. Dr. Zaslow has two sons and lives in Brooklyn, New York.

Marion A. Figinski, Ll.B. '24, is in the general practice of law. Mr. Figinski lives in Baltimore, Maryland. His son, Marion Albert, graduated from the University of Maryland Law School in 1962.

HUGH BRANCHARD TRUITT, LL.B. '24, is a practicing lawyer. He and his wife live in Baltimore, Maryland.

W. B. PENN, Agr. '24, has been the chief underwriter for Acacia Mutual Life Insurance Company for 36 years. Mr. Penn has one son and lives in Hyattsville, Maryland.

WILLIAM SINSKY, LL.B. '25, is a practicing lawyer. He lives in Baltimore, Maryland. Mr. Sinsky has two daughters.

DR. SAMUEL S. GLICK, M.D. '25, is a physician specializing in pediatrics. He is an Associate Professor, Department of Pediatrics at the University of Maryland School of Medicine. Dr. Glick lives in Baltimore and has two children.

JOHN BOWIE, Engr. '25, is retired after many years of service with the U. S. Coast and Geodetic Survey. He and his wife live in Bethesda, Maryland.

GEORGE W. FOGG, A&S '26, is the Director of Personnel at the University of Maryland. Mr. Fogg lives in College Park, Maryland.

PHILIP KRAMER, Pharm. '26, is the owner and President of Kramer's Westend Corp. Mr. Kramer lives in Balti-

more, Maryland. He has two children.

DR. ROY H. BRIDGER, D.D.S. '26, has been a dentist with the Montgomery County Health Department since 1941. Dr. Bridger is the president of the Montgomery County Alumni Club of the University of Maryland. He and his wife live in Silver Spring, Maryland.

J. D. Morris, Engr. '26, is the Director of Special Services for the Pennsylvania Railroad Company. He has two daughters. Mr. Morris has recently moved to Philadelphia, Pennsylvania.

EDWARD P. COBLENTZ, Engr. '26, died suddenly on February 20, 1963. Mr. Coblentz was the president of McLean Contracting Company of Baltimore.

GEORGE M. McCauley, Engr. '26, died of a heart attack on April 13, 1963. He was the retired marketing supervisor for the C. & P. Telephone Company. He was 61.

WADE H. ELGIN, Jr., Engr. '27, died at his home in Bethesda, Maryland, on January 13, 1963. Mr. Elgin was superintendent of supplies and motor equipment for the C. & P. Telephone Company. He was 57.

Frank H. Terhune, A&S '27, is the owner of a stationery store in Wakefield, Massachusetts. He has one daughter.

DR. JACOB I. SCHWARTZ, D.D.S. '27, is a practicing dentist. Dr. Schwartz has two sons. He lives in Bloomfield, New Jersey.

DR. JOSEPH W. WILNER, M.D. '27, is a physician and surgeon. He is the Director of the Wilner Medical Group. Dr. Wilner has three children. He lives in the Bronx, New York.

J. SLATER DAVIDSON, JR., Engr. '28, is the Manager and Vice President of Charles H. Tompkins Co., and an officer in several other construction companies. Mr. Davidson lives in Chevy Chase, Maryland. He has two sons.

DR. LEWIS J. HEROLD, M.D. '28, is a practicing physician. Dr. Herold has two sons and lives in Brooklyn, New York.

OSCAR W. ZENITZ, LL.B. '29, is a practicing lawyer. He and his wife live in Baltimore, Maryland.

CHARLES MERRICK WILSON, Agr. '29, is the President of the Wilson Feed Company. Mr. Wilson has two daugh-

ters. He lives in Centreville, Maryland.

PHILIP WERTHEIMER, A&S '29, is a partner in a real estate and insurance company. He and his wife live in Frederick, Maryland.

DR. LEON C. GROSSMAN, D.D.S. '29, is in the general practice of dentistry. He lives in Elizabeth, New Jersey. Dr. Grossman has two children.

1930-1939

DR. SAMUEL REISS, D.D.S. '30, is a dentist. He has three sons. Dr. Reiss lives in Brooklyn, New York.

DR. ISAAC MILLER, M.D. '30, is a practicing physician. He has two children and lives in Baltimore, Maryland.

JOHN E. McDonald, A&S 30, is the Manager of Compound Service of the Goodyear Tire and Rubber Company of Akron, Ohio. Mr. McDonald has three children. He lives in Kent, Ohio.

DR. HENRY I. BERMAN, M.D. '31, is the Chief of Urology at the V.A. Hospital in Louisville, Kentucky. The Bermans live in Louisville.

DR. MAX KAUFMAN, M.D. '31, is a practicing physician. He lives in Jackson Heights, New York. Dr. Kaufman has three children.

COL. AND MRS. WILLIAM E. ROBERTS, Engr. '31, H.Ec. '32, live at Fort Meade, Maryland. Col. Roberts is the Deputy Post Commander at Fort Meade. Mrs. Roberts is the former Mary H. Wells. They have one daughter.

GEORGE J. STIFFMAN, Pharm. '31, is the owner of a pharmacy in Baltimore. He has two sons. Mr. Stiffman lives in Baltimore.

DR. JOSEPH G. DIAMOND, M.D. '32, is a practicing physician. He has two children and lives in Plainfield, New Jersey.

DR. R. R. LOUFT, M.D. '32, is a physician in private practice. Dr. Louft has four daughters and lives in Charleston, West Virginia.

DR. Francis Muir, d.d.s. '32, is a dentist in private practice. Dr. Muir has one daughter and lives in Arlington, New Jersey.



Dr. Jack M. Eskow, d.d.s. '33, is in the general practice of dentistry. He has two sons. Dr. Eskow lives in Perth Amboy, New Jerscy.

Dr. Benjamin Miller, M.D. '33, is a physician and Director of Radiology Service for the Veterans Administration. Dr. Miller has three children. He lives in Washington, D. C.

WILLIAM TAFT FELDMAN, LL.B. '33, is a lawyer in private practice. Mr. Feldman lives in Baltimore. He has four children.

JAMES GII BERT BUSICK, Educ. '33, is Superintendent of Schools for Dorchester County, Maryland, Mr. Busick has two sons. The Busicks live in Cambridge, Maryland.

DR. GEORGE S. BAKER, M.D. '33, member of the Section of Neurologic Surgery of the Mayo Clinic, has been elected foreign corresponding member of the Italian Society of Neurosurgery. He was appointed to the staff of the Mayo Clinic in 1939.

Mrs. Dorothy Griffith Livings, A&S '34, is a statistician for Clinical Cancer Research at the National Institutes of Health. Mrs. Livings has two children and lives in W. Hyattsville, Maryland.

Dr. Max Needleman, M.D. '34, is a practicing physician. Dr. Needleman lives in New York. He has one son.

Mrs. Gertrude Gregorius Rum-PANOS, Nurs. '34, is a housewife. She and her husband, Dr. S. N. Rumpanos, live in Mobile, Alabama. They have two daughters.

MILTON A. FRIEDMAN, Pharm. '34, is the owner of a pharmacy in Baltimore. He has three children. His daughter, Natalie, is a student at the University. The Friedmans live in Baltimore.

STUART J. BURBAGE, A&S '34, has been promoted to auditor for the Del-Md-DC Area Accounting Department of the Humble Oil and Refining Company. Mr. Burbage lives in Severna Park, Maryland. He has two daughters.

COLONEL THOMAS P. CORWIN, A&S '35, has assumed command of the Air Force Accounting and Finance Center. Col. Corwin received his law degree from Georgetown in 1942. He has three daughters.

DR. DONALD KRULEWITZ, D.D.S. '35, is a practicing dentist. He has two sons. Dr. Krulewitz lives in Passaic. New

EDWARD KAMINSKI, Engr. '35, is with the Electrical Department of the Bethlehem Steel Company. He lives in Baltimore. Mr. Kaminski has three children.

CHARLES B. BARKER, LL.B. '35, is retired and living in Hollywood, Florida. Mr. Barker was formerly an attorney in charge of the Houston, Texas, Claim Office of Fidelity & Deposit Co. of Maryland.

DR. KENNETH G. HORVATH, A&S '35, is the Principal at Hampstead Hill

(Continued on next page)

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Junior High School and a lecturer at Lovola College in Baltimore. Dr. Horvath received his doctorate in Education from the University of Maryland in 1957. He lives in Baltimore and has one daughter.

DR. SAUL KARPEL, M.D. '36, is a practicing physician and the Associate Attending Physician at the Lawrence Memorial Hospital in New London, Connecticut. Dr. Karpel and his family live in New London. He has two children. His son, Joel, is currently attending the University of Maryland.

Dr. Joseph G. Zimring, M.D. '36, is a practicing physician. He lives in Long Beach, New York. Dr. Zimring has two sons. His oldest, Michael, is attending the University of Maryland.

DR. SAMUEL A. LEISHEAR, A&S '36, is a practicing dentist. He received his D.D.s. from Georgetown in 1941. Dr. Leishear has two sons and lives in Washington, D. C.

Dr. WILLIAM KRESS, D.D.S. '36, is a practicing dentist specializing in Orthodontics. He lives in Baltimore, Marvland. Dr. Kress has two children.

DR. HAROLD S. COLE, A&S '37, is a pediatrician and Associate Professor of Pediatrics at New York Medical College. He received his M.D. from N.Y.U. College of Medicine in 1942. Dr. Cole lives in Rutherford, New Jersey.

Dr. Jesse J. Greenberg, D.D.S. '37, is a practicing dentist. Dr. Greenberg lives in Red Bank, New Jersey. He has three daughters.

Dr. REUBEN ROCHKIND, M.D. '37, is in the private practice of medicine. Dr. Rochkind has three children. The Rochkinds live in Miami, Florida,

MRS. JEANNE SOLLIDAY FLY, H.Ec. Educ. '37, is a housewife. She lives in Bethlehem, Pennsylvania, and has two

DR. STANLEY S. CLAYMAN, A&S '38, is a practicing dentist. Dr. Clayman received his D.D.s. from Georgetown in 1942. He has three children and lives in Washington, D. C.

JOSEPH LEE COMBS, JR., Pharm. '38, is a pharmacist and owner of Colonial Pharmacy in St. Michaels, Maryland. Mr. Combs lives in St. Michaels and has two children.

SYLVAN A. GARFUNKEL, IL.B. '38, is the Chief Assistant Solicitor General, Eastern Judicial Circuit. Mr. Garfunkel lives in Savannah, Georgia. He has three

DR. BENJAMIN ISAACSON, M.D. '39, is in the general practice of medicine. He lives in Washington, D. C., and has three children.

CLARENCE A. ECK, Agr. '39, operates a wholesale florist shop. Mr. Eck has one daughter and lives in Perry Hall,

DR. JAMES CLARK DAVIS, D.D.S. '39, is a practicing dentist. He lives in Winchester, Virginia, and has three children. JAMES ALBERT CHAPPELEAR, Engr. '39, is the Manager of the Marine Division of Johnson Service Company. He lives in Bethesda, Maryland. Daughter, Lorraine, is a sophomore at Maryland.

JOHN HENRY BEERS, A&S '39, is part owner of Beers Bros., Inc., Realtors. He lives in Chevy Chase. Mr. Beers has two children.

DR. LEO J. SHAUDIS, D.D.S. '39, is a practicing dentist. Dr. Shaudis and his wife live in Silver Spring, Maryland.

#### 1940-1949

DR. SAMUEL V. TOMPAKOV, M.D. '40, is a practicing physician specializing in internal medicine. Dr. Tompakov has two children. He lives in Baltimore, Maryland.

JOHN OLIVER HERRMANN, LL.B. '40, is a practicing lawyer and part time faculty member at the University of Maryland Law School. Mr. Herrmann has three sons. He lives in Baltimore.

HARVEY WILSON KREUZBURG, Educ. '40, is the Principal of Catonsville Senior High School. Mr. Kreuzburg has seven children. He lives in Baltimore.

JOSEPH S. MERRITT, JR., Agr. '40, is the Treasurer and General Manager of Joseph S. Merritt, Inc., Florist. Mr. Merritt lives in Dundalk, Maryland. He has three children.

DR. DANIEL SWERN, PH.D. '40, has been named "Federal Civil Servant of the Year" for his outstanding contributions to the fundamental chemistry of fats. Dr. Swern is a U. S. Department of Agriculture chemist.

J. M. MARZOLF, Engr. '40, has received a certificate and first prize by the Washington Section of the American Institute of Electrical Engineers in recognition of the paper he presented titled, "Tunnel Diode Static Inverter." Mr. Marzolf is with the Naval Research Lab in Washington.

DR. JOSEPH J. BOWEN, JR., M.D. '41, died recently of a heart attack while on a skiing vacation at the Mohawk Ski Area in Cornwall. He was 46.

Tom Fields, Educ. '41, is a Lt. Colonel stationed at Headquarters, U.S.M.C. His son, now 8, was born on Maryland Day.

DR. CHRISTIAN F. RICHTER, M.D. '41, is a physician specializing in Obstetrics-Gynecology. Dr. Richter lives in Baltimore, Maryland. He has two children.

RALPH W. FREY, JR., BPA '41, is Assistant Vice-President of the C. & P. Telephone Company. Mr. Frey has three children. He lives in Takoma Park, Maryland.

WILLIAM H. COLE, LL.B. '41, is a partner in the firm of Jenkins & Cole, Attorneys. Mr. Cole lives in Birmingham, Alabama. He has three children.

(Continued on next page)

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JOHN W. CLARK, JR., Engr. '41, is a construction superintendent for the Turner Construction Company of New York. Mr. Clark has two children. He lives in Oradell, New Jersey.

DR. WARREN E. WEAVER, Pharm. '42, has been elected President of the Virginia section of the American Chemical Society. Dr. Weaver is Dean of the Medical College of Virginia's School of Pharmacy.

SEYMOUR D. WOLF, Engr. '42, is President and Chairman of American Wholesalers, Inc. and subsidiary companies. Mr. Wolf lives in Chevy Chase, Maryland. He has three children.

MRS. CAROL REMSBERG BARE, H.Ec. '42, is a housewife. She has two children. The Bares live in Manchester, Maryland.

DR. THEODORE KARDASH, M.D. '42, is a practicing physician. He lives in Baltimore. Dr. Kardash has two chil-

WILLIAM F. KELLER, A&S '43, is the General Manager and Editor-in-Chief of the Blakiston Division of McGraw-Hill Book Company. Mr. and Mrs. Keller live in Little Silver, New Jersey.

DR. T. R. WILLIAMS, JR., M.D. '43, is a practicing physician. He has three children and lives in Hickory, North Carolina.

EDWARD H. STEINBERG, BPA '43, is the Executive Secretary of Kex National Association. Mr. Steinberg lives in University Park, Maryland. He has one daughter.

DR. WILLIAM H. POMEROY, M.D. '43, is a practicing physician. Dr. Pomeroy has four children. He lives in Poquonock, Connecticut.

DR. B. RALPH HOFFMAN, D.D.S. '44, is a practicing dentist. Dr. Hoffman lives in Baltimore, Maryland. He has three children.

DR. AND MRS. ABRAHAM LILIENFELD, M.D. '44, A&S '44, live in Baltimore, Maryland. Dr. Lilienfeld is a professor at Johns Hopkins School of Hygienc and Public Health. Mrs. Lilienfeld is the former Lorraine Zemil. They have three children.

HELEN G. ZEPP, Educ. '44, is an English teacher at Westminster Junior High School, Miss Zepp lives in Westminster.

DR. JOHN M. BLOXON, M.D. '44, is a general surgeon. Dr. Bloxon lives in Salisbury, Maryland. He has two chil-

DR. HARRY W. F. DRESSEL, JR., D.D.S. '45, is a practicing dentist. Dr. Dressel lives in Baltimore, Maryland.

DR. AND MRS. JAMES R. McNINCH, JR., M.D. '45, Nurs. '52, are living in Dover, Delaware. Dr. McNinch is a general surgeon. Mrs. McNinch is the former Carole Jane Sewell. They have

KOPPEL MICHAEL JEFFREY, LL.B. '46, is an attorney-at-law. Mr. Jeffrey lives

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Subscribe to MARYLAND MAGAZINE in Baltimore, Maryland. He has three children.

Dr. David N. Sills, Jr., M.D. '46, is a general surgeon. Dr. and Mrs. Sills live in Milford, Delaware.

Mr. and Mrs. John I. Heise, Jr., A&S '47, Educ. '49, are living in Bcthesda, Maryland, Mr. Heise is a practicing lawyer. Mrs. Heise is the former Jacqueline Morley. They have four children.

MRS. LEAH R. HARDMAN, Educ. '47, is a housewife. Mr. and Mrs. Hardman live in Towson, Maryland.

DR. EDWARD GORDON GRAU, M.D. '47, is a practicing physician. He lives in Towson, Maryland. Dr. Grau has three children.

DONALD J. SCHUERHOLZ, Engr. '47, is a consulting engineer and partner in the firm of Miller, Schuerhold and Gipe. Mr. Schuerholz lives in Baltimore, Maryland. He has two children.

JAMES H. MILLER, Engr. '48, is a civil engineer with Purdum and Jeschke, Consulting Engineers of Baltimore. Mr. Miller lives in Baltimore. He has three daughters. Mrs. Miller is the former Sarah Yates, A&S '42. Daughter Susan is a freshman at Maryland.

COL. ROBERT J. LYNCH, M.B.A. '48, has recently retired from the U.S. Air Force and joined General Precision, Inc. as Director of Command-and-Control Systems. Col. Lynch lives in New Canaan, Connecticut. He has two children.

J. T. Burns, Engr. '48, is a senior engineer with the Du Pont Company. He has recently been transferred from Kinston, North Carolina, to Old Hickory, Tennessee. He is married and has two children.

ERNEST CLEVELAND TRIMBLE, LL.B. '48, is in the general practice of law with the firm of Trimble and Alderman. Mr. Trimble lives in Towson. Hc has one daughter.

MRS. MONA BROWN TILLMAN, Educ. '48, is a teacher of Health and Physical Education at McKinley High School in Washington. Mr. and Mrs. Tillman live in College Park, Maryland.

DR. DONALD I. MOHLER, M.D. '48, is a physician and surgeon. Dr. Mohler lives in Reno, Nevada. He has four children.

MR. AND MRS. VICTOR TURYN, BPA '49, H.Ec. '49, are living in Cincinnati, Ohio. Mr. Turyn is Assistant Special Agent-in-Charge, F.B.I. Mrs. Turyn is the former Eileen Simpson. They have four children.

REV. WILLIAM A. BEAL, A&S '49, is the Rector of St. John's Episcopal Church in Chevy Chasc, Maryland. Mr. Beal is a former chaplain at the University of Maryland. He and his wife live in Chevy Chase. They have three

JOHN D. EMLER, Engr. '49, is a scnior park engineer with the Maryland-Na-

(Continued on next page)





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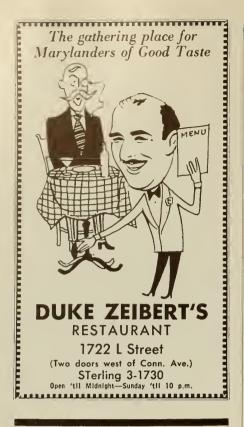
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DR. HOMER W. MAY, M.D. '49, is a practicing physician. Dr. May has two children. He lives in Bedford, Pennsylvania

PRESTON E. FLOHR, BPA '49, is the President-Treasurer of the Flohr Lumber Company. Mr. Flohr lives in Blue Ridge Summit, Pennsylvania. He has two daughters.

ESTHER FRANK SIEGEL, Educ. '49, is the Chief, Housing Application Office, Baltimore Urban Renewal and Housing Agency. Miss Siegel lives in Baltimore.

ROBERT E. GRALLEY, B.S. '49, has been promoted by Mutual of New York to administrative assistant at the company's home office in New York. Mr. and Mrs. Gralley live in Plainview, New York. They have three children.

1950-1959

R. BRUCE DRAKE, BPA '50, has been promoted to the position of division sales manager for the Washington area of the Reuben H. Donnelley Telephone Directory Company. The Drakes and their three children live in Bethesda, Maryland.

RICHARD R. DORNEY, BPA '50, has been appointed area cost and distribution supervisor, Chicago area, for the Humble Oil and Refining Company. The Dorneys have three children.

DR. ROBERT J. KIRVIN, D.D.S. '50, is a practicing dentist. Dr. Kirvin lives in Pittsfield, Massachusetts. He has three children

ALVIN S. BERNSTEIN, A&S '50, is a pharmacist. Mr. Bernstein received a degree in pharmacy from George Washington University in 1953. He lives in Bethesda, Maryland, and has two children.

WILLIAM M. HARRINGTON, JR., Engr. '50, is an assistant project engineer with Whitman, Requardt & Associates of Baltimore. Mr. Harrington lives in Pasadena, Maryland. He has three children.

MARGARET V. HERBERT, Nurs. '50, is assistant supervisor in the operating room at the George Washington University Hospital in Washington, D. C. Miss Herbert lives in Seat Pleasant, Maryland.

DR. JOHN C. HYLE, M.D. '50, is a practicing physician. Dr. Hyle lives in Baltimore. He has seven children.

DR. ROLAND VINCENT REED, JR., D.D.S. '51, is a practicing dentist. He lives in Wilmington, Delaware. Dr. Reed has two children.

ALBERT M. NEWMAN, Pharm. '51, is a practicing pharmacist. He lives in Havre De Grace, Maryland. Mr. Newman has four children.

GENEVA DUNN, P.E. '51, is the department head of girl's physical educa-

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1701 SAINT PAUL STREET Boltimore 2, Md. tion at Chichester High School in Pennsylvania. Miss Dunn lives in Newtown Square, Pennsylvania.

MRS. EDITH W. PERKINS, Educ. '51, is a housewife living in Torring, Connecticut. Mrs. Perkins has one child with another one due in April.

James B. Rowland, A&S '51, is a reporter for the Washington *Evening Star*. Mr. Rowland lives in West Hyattsville, Maryland.

EDWARD K. BENDER, M.S. Agr. '51, is an agriculturist for the American Cyanamid Company. Mr. Bender has one son and lives in Silver Spring, Maryland.

DR. CHARLES W. McGrady, M.D. '51, is a practicing physician. He lives in Pompano Beach, Florida. Dr. McGrady has three children.

JAMES R. BOOKSTAVER, Engr. '52, has been promoted to assistant to the manager, Product Engineering of IBM, in Endicott, New York.

MRS. Lois Atkinson Mast, Edue. '52, is a housewife living in Temperance, Michigan. Mrs. Mast received her master's degree in 1958 from the University. She has three children.

DR. AND MRS. CLAYTON S. McCARL, A&S '52, Educ. '52, live in College Park, Maryland. Dr. McCarl is a practicing dentist. He received his D.D.s. from the University of Maryland in 1956. Mrs. McCarl is the former Jane Mooney. The McCarls have four children.

DAVID DUANE PATTON, BPA '52, is a practicing attorney. He and his wife live in Baltimore, Maryland. Mr. Patton received his law degree in 1955.

WILLIAM HERBERT LAYMAN, P.E. '52, is an organizational coordinator with the Industrial Union Department of the AFL-CIO. Mr. Layman lives in Riverdale, Maryland. He has four ehildren.

DR. HOWARD N. WEEKS, M.D. '52, is in the private practice of medicine. Dr. Weeks lives in Hagerstown, Maryland. He has two children.

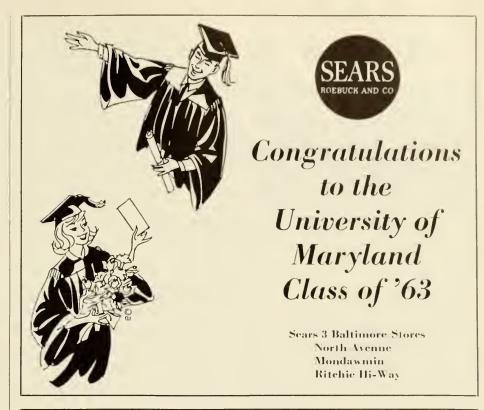
ENOCH L. HARLAN, JR., U.C. '52, is a fire prevention engineer and manager of the district office of an insurance company. Mr. Harlan has four children. He lives in Monkton, Maryland.

MRS. MARTHA JENNISON SHELKEY, A&S '52, is a housewife living in Dahlgren, Virginia. Mrs. Shelkey is a former supervisory mathematician with the U. S. Naval Weapons Lab. She has one son.

DR. AND MRS. M. PAUL NESTOR, A&S '53, BPA '53, live in Tampa, Florida. Dr. Nestor received his D.D.s. from the University of Maryland in 1957 and is a practicing dentist. Mrs. Nestor is the former Mabelle Beck. The Nestors have two daughters.

DR. LESLIE R. MILES, JR., M.D. '53, is a practicing physician. Dr. Miles lives in Lonaconing, Maryland. He has three children.

(Continued on next page)





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MRS. SARAH GARDNER JOHNSON, A&S '53, is a housewife living in Bethesda, Maryland. Mrs. Johnson has two

MRS. JANE SHORT GRUBE, P.E. '53, is the head of the Department of Physical Education at Walter Johnson High School. Mrs. Grube lives in Bethesda, Maryland.

GEORGE A. HOUDESHEL, BPA '53, is the assistant to C-130 Project Manager of the Lockheed Aircraft Corporation in Marietta, Georgia. Mr. Houdeshel lives in Smyrna, Georgia. He has two

RUTHELLEN HAMMER, I.L.B. '53, is engaged in actuarial work. Miss Hammer lives in New York.

STANLEY H. RAFFEL, Engr. '53, is a senior engineer with Westinghouse Electric Corp. Mr. Raffel lives in Baltimore, Maryland. He has three children.

LOWELL H. REED, Agr. '53, is a Field Support Officer for U.S. AID. Mr. Reed has two sons. He is stationed overseas.

SHELDON PHILIP COHEN, LL.B. '54, is a partner in the accounting firm of Burke, Lansberg and Gerber. Mr. Cohen lives in Baltimore, Maryland.

MRS. MARILYN SMITH HOOPER, Educ. '54, is a housewife living in Cocoa, Florida. Mrs. Hooper is a former teacher in Washington. She has two children.

MRS. LYNN PAULA RIBNITZKI SMITH, A&S '54, is a housewife. Mrs. Smith has one daughter and lives in Washington, D. C.

PAUL M. BAYLOR, Engr. '54, is a technical representative with Minneapolis-Honeywell Regulator Co. Mrs. Baylor, the former Patricia E. Baker, graduated in A&S '55. The Baylors live in Falls Church, Virginia.

GERALD A. YAGER, BPA '54, is an Advance Procurement Planner for the U. S. Navy Department. Mr. Yager lives in Silver Spring, Maryland. He has three children.

DR. RAYMOND B. KEEFE, M.D. '54, is a physician specializing in pediatrics. Dr. Keefe lives in Windsor, Connecticut. He has four daughters.

Roy Dodson Porter, Agr. '54, is a County Agriculture Agent with the Extension Service of the University of Maryland. Mr. and Mrs. Porter live in Chevy Chase, Maryland.

JOHN D. ROHRER, BPA '54, has been promoted to Senior Associate Programmer, DCA Programming Dept., Communications Systems of IBM.

Francis A. Griffith, A&S '55, has been awarded a scholarship by the American Speech and Hearing Foundation. Mr. Griffith received his master's degree from Penn State in 1961 in clinical speech.

DR. ELIZABETH R. DUFF, ED.D. '55, was honored on March 12, 1963, at an Honorary Assembly at Glassboro State College for her service and dedication to teaching and the students of the



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college. Dr. Duff is on the faculty of the Education Department,

DANIEL MARKOWITZ, Educ. '55, has been appointed city manager of Hertz truck operations in Baltimore, Maryland, Mr. Markowitz started with the Hertz Company in 1958. He is married and lives in Falls Church, Virginia.

Dr. Joseph Roy Wiebush, ph.d. '55, is an Associate Professor, Chemistry, at the U. S. Naval Academy in Annapolis. Dr. Wiebush lives in Silver Spring, Maryland. He has one son.

DONALD W. SWAIN, BPA '55, has been a sales representative since graduation. Mr. Swain lives in Hyattsville, Maryland. He has one daughter.

MR. AND MRS. WILLIAM A. E. SPIES, A&S '55, A&S '59, live in Washington, D. C. Mr. Spics is a stockbroker with the Francis I. du Pont Co. Mrs. Spies is the former M. Evelyn Dean. They have one son.

Dr. John Peter McGowan, M.D. '55, is a physician and Deputy Chief, Pathology, at USPMS Hospital in Baltimore. Dr. McGowan lives in Rosedale, New York. He has four ehildren.

MRS. SHIRLEY BROWN TEFFEAU, Nurs. '55, is a housewife living in Hughesville, Maryland, Mrs. Teffeau is a former staff nurse at Prince Georges General Hospital. She has three children.

LT. COL. C. R. GLASEBROOK, Mil. Sci. '55, is a career officer in the U. S. Air Force. He is stationed at Wright-Patterson AFB and is Chief of Plans and Policy Division, Foreign Technology Division. He lives in Dayton, Ohio. Col. Glasebrook has three children.

WILLIAM DONALD MCINNIS, P.E. '55, is the manager of the M. & J. Finance Corp. Mr. MeInnis lives in Monroe, North Carolina. He has one son.

DR. RONALD MURRAY LAUER, D.D.S. 55, is a practicing dentist. He lives in Murray Hill, New Jersey, and has two sons.

JABEZ WHITFORD LOANE, IV, LL.B. '56, is a captain in the U. S. Army. Capt. Loane's home is in Baltimore, Maryland. He has three children.

MRS. CAROLINE ESTHER C. LISTER, Nurs. '56, is a private duty nurse. She is married to Dr. John Lister and lives in the Bronx, New York.

PHILIP D. LINDEMAN, Pharm. '56, is a registered pharmacist working for Salisbury Drugs. Mr. Lindoman lives in Salisbury, Maryland. He has three children.

WALTER W. KIRK, JR., BPA '56, is a staff accountant with James L. Rimler, C.P.A. Mr. Kirk lives in Frederick, Maryland.

Dr. Andrew Federico, d.d.s. '56, is an oral surgeon. He lives in Lodi, New Jersey. Dr. Federico has one son.

JOSEPH JOHN PERRONE, JR., BPA '56, is a life insurance underwriter for Penn

(Continued on next page)

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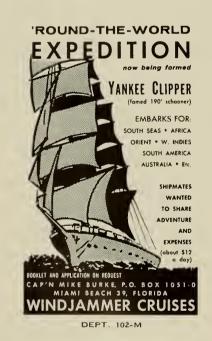
Col. Arnold P. Murr, Mil.Sci. '56, is a career Army officer. Col. Murr is Chief, Reserve Components Division, Adjutant General's Section, Hq., Third U. S. Army. Col. Murr is stationed at Ft. McPherson, Gcorgia. He has three children.

ELMER LEWIS COOPER, Agr. '56, teaches vocational agriculture in high school. Mr. Cooper lives in Whiteford, Maryland. He has three children.

JOSEPH GENTILE, A&S '56, has been appointed a field claim representative of the Falls Church, Virginia, office of the State Farm Mutual Auto Insurance Co. He lives with his wife and two children in Woodbridge, Virginia.

RICHARD H. MILLER, M.B.A. '57, died suddenly on December 10, 1962. Mr. Miller lived in Philadelphia.

WILLIAM R. SCHINDLER, A&S '57, Project Manager for the Delta space booster vehicle at the Goddard Space Flight Center, and his staff received the NASA Group Achievement Award at Cape Canaveral in March. The award was presented in recognition of Schindler's work in making the Delta America's most reliable space vehicle. Also participating in the group award were Louis J. Ratcliffe, Engr. '58, Frank M. Piszkin, Engr. '59, and Walter R. Nagel, Engr. '61.



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LAWRENCE R. HOLTER, Engr. '57, is a Senior Engineer with Standard Oil Company, Mr. Holter has one daughter and lives in Lima, Ohio.

MRS. MARY LEE HUDES CANTOR, Educ. '57, is a housewife living in Richmond, Virginia. Mrs. Cantor has one

JOHN CHARLES GOOSSENS, PH.D. A&S '57, is a research chemist. Dr. Goossens lives in Scotia, New York. He has three children.

MRS. BETTY RHODERICK BURES, H.Ec. '57, is a housewife living in Cooksville, Maryland. Mrs. Bures is married to Marvin G. Bures and has two children.

LUTHER A. BROWN, JR., U.C. '57, is a mechanical engineer at the U.S. Naval Propellant Plant, Indian Head, Maryland. Mr. Brown has two children and lives in Oxon Hill, Maryland.

Francis L. Bruno, BPA '57, is a tax supervisor. He lives in Leonia, New Jersey, and has two sons.

MARTHA RUTH CALVERT, A&S '58, is a housewife. She and her two children have recently moved to Westminster, California, to be with her husband, William R. Calvert, an officer in the Navy.

MR. AND MRS. WILLIAM E. DE-GRAFFT, JR., Engr. '58, H.Ec. '58, live in Annapolis, Maryland. Mr. DeGrafft is an Aerospace Engineer at the Naval Ordnance Lab. Mrs. DeGrafft is the former Joanne Eileen Danner. They have one son.

ROBERT DAVISON MOWERY, Educ. '58, is the Safety Coordinator at Johns Hopkins Applied Physics Lab. Mr. Mowery lives in Bowie, Maryland. He has two sons.

GEORGE ALLAN SMALLEY, JR., Engr. '58, is an Associate Technical Service Engineer with the American Oil Company. Mrs. Smalley is the former Margaret L. Kline, Educ. '58. They live in Texas City, Texas, and have one daughter.

WILLIAM T. GEIGER, SR., BPA '58, is Coordinator of Manufacturing of the Durapak Manufacturing Company of Baltimore. Mr. Geiger lives in Towson, Maryland. He has two sons.

THURSTON MAURICE GILLENWATER, Mil.Sci. '58, is an engineering group leader for the R.C.A. Service Company of Alexandria, Virginia. Mr. Gillenwater retired from the Navy in 1957. He lives in Arlington, Virginia, and has two children.

EDWARD J. HOLOKA, A&S '58, is the secretary of District No. 4 of the National Association of Sccurities Dealers, Inc. Mr. Holoka lives in Kansas City, Missouri. He has one son.

CAPT. ROBERT M. JOHNSON, D.D.S. '58, is Assistant to Chief of Oral Surgery at the Landstuhl Army Medical Center in Germany. Dr. Johnson was formerly stationed in Metz, France.

JOYCE F. KAETZEL, Nurs. '58, is an Instructor in Maternal and Child Nursing. Miss Kaetzel received her M.s. from the University in 1959. She lives in Baltimore, Maryland.

JAMES B. HOLTER, M.S. '59, received his doctor of philosophy degree from Pennsylvania State University at Commencement Exercises on March 23, 1963

MR. AND MRS. WILLIAM F. CLARK, Engr. '59, H.Ec. '59, live in College Park, Maryland. Mr. Clark is an Associate Highway Engineer with the Montgomery County Department of Public Works. Mrs. Clark is the former Eleanor Janet Munsey. The Clarks have one son.

Francis Joseph Logan, Engr. '59, is a research engineer at NASA. Mr. Logan lives in College Park, Maryland. He has three children.

MRS. PATRICIA DALTON UNGER, A&S '59, is a housewife living in Greenbelt, Maryland. Mrs. Unger is married to John F. Unger and has two children.

JAMES FRANK TRAWICK, U.C. '59, is a Senior Specialist with the International Electric Corporation. He is also a retired Navy Commander with more than 20 years' service. Mr. Trawick lives in Ramsey, New Jersey. He has three children.

MRS. CAROL KORNBLAU HORKITZ, Educ. '59, is a housewife living in New Gardens, New York. Mrs. Horkitz has one daughter.

THOMAS H. KING, JR., A&S '59, is a television production cameraman. Mr. King lives in Charlotte, North Carolina.

#### THE SIXTIES

CAPT. RICHARD FREDERICK MA-HANEY, U.C. '60, is a U.S. Air Force officer and Associate Professor of Air Science at Louisiana State University. Capt. Mahaney lives in Baton Rouge and has three children.

LT. COL. JAMES H. CAWTHRA, U.C. '60, is a career Army officer. He is currently at the Army War College. Col. Cawthra received his M.A. from American University in 1962. He has two children.

MRS. THOMAS K. BURK, JR., H.Ec. '60, is a housewife in Brunswick, Georgia. Mrs. Burk's maiden name was Donaldson, Her husband, Capt. Thomas K. Burk, Jr., is a captain in the U. S. Marine Corps.

DR. DONALD BROWN, M.D. '60, is a resident physician at Henry Ford Hospital. Dr. and Mrs. Brown live in Detroit, Michigan.

DUANE R. GARRETT, Educ. '60, died in the line of duty on January 24, 1963, when his Navy jet fighter crashed into the sea during exercises off San Diego. Only after extensive search by the Navy was wreckage sighted and the young pilot reported lost.

Lt. John H. Shock, Engr. '60, was one of two nominees from the Air Force Electronic Systems Division for the United States Air Force Research and Development award, for outstanding duty performance and major contribution to the research and development program. Lt. Shock, his wife and three sons live in West Acton, Massachusetts.

Frank V. Costanza, U.C. '60, has been promoted to Development Engineer, 466L Site Assistance Manager, Far East Intelligence Systems of IBM.

WILLIAM C. AUSTIN, JR., BPA '60, is Assistant to the Secretary, Washington Suburban Sanitary Commission. Mr. and Mrs. Austin live in Bethesda, Maryland.

DAVID BRUCE FITZGERALD, A&S '60, is working as a technical writer. He lives in Baltimore, Maryland,

HAROLD FRANCIS FORD, Agr. '60, is a lab technician and chemist. He and his wife live in Mt. Rainier, Maryland.

PAUL W. HOCHEDER, BPA '60, is working as a cost analyst. Mr. Hocheder has two children and lives in Ellicott City, Maryland.

CHARLES G. KLUGE, Educ. '60, is a sales engineering trainee with Otis Elevator Company. Mr. Kluge lives in Haddonfield, New Jersey. He has one son.

WILLIAM B. LANE, JR., A&S '60, is a seminarian at Virginia Theological Seminary in Alexandria, Virginia.

ROY JAMES HENDRICKS, Éduc. '60, has been appointed Administrative Assistant in the U. S. Department of Commerce Coast and Geodetic Survey.

WILLIAM P. MORGAN, Phy.Ed. '61, has been promoted to Assistant Professor of Physical Education at the University of Dayton, Dayton, Ohio.

CHARLES A. COCKEY, BPA '61, has been appointed as director of public relations at Washington College in Chestertown, Maryland. Mr. Cockey and his wife will be living in Chestertown.

JOHN E. WHITE, U.C. '61, has recently accepted appointment as Education Adviser of the TUSLOG base in Ankara, Turkey. Mr. White was formerly an Air Force Education Adviser in Japan.

MAJOR ROBERT S. GORDANIER, U.C. '61, is a career Army officer currently assigned as Signal Corps Liaison Officer at the Department of State. Major Gordanier lives in Woodbridge, Virginia. He has two children.

DR. RONALD HOWARD ISRAEL, D.D.S. '61, is a dentist and captain in the U. S. Air Force. Capt. and Mrs. Israel live in Biloxi, Mississippi.

Barbara A. Fulkersin, P.E. '61, is a teacher. Miss Fulkersin lives in Arlington, Virginia.

TERRENCE P. DALY, BPA '61, is the Assistant Supply Supervisor, 113th A.T.D. DCANG, Andrews Air Force Base. Mr. Daly lives in Washington, D. C.

RONALD LEON JOHNSON, A&S '61, is continuing the study of psychology

at Michigan State. He lives in East Lansing, Michigan.

Mrs. Barbara Burdette Klix, Educ. '61, is a housewife living in Topeka, Kansas. Mrs. Klix is married to Richard T. Klix and has one daughter.

ALLAN S. LEVY, A&S '61, is continuing his studies at the University of Maryland Law School. Mr. Levy lives in Baltimore.

PHILIP L. MACKIE, Agr. '61, is an agricultural statistician with the Md.-Del. Crop Reporting Service. Mr. Mackie has two children. He lives in Hyattsville, Maryland.

Patricia L. Sullenberger, Nurs. '61, M.Nurs. '62, is an Assistant Professor of Psychiatric Nursing at the Medical College of Virginia. Miss Sullenberger lives in Richmond, Virginia.

PHILLIP P. WEINER, Pharm. '61, is a practicing pharmacist. He has one son and lives in Baltimore, Maryland.

James F. Hoag, Jr., Engr. '62, is a mechanical engineer. He and his wife live in Edgewater, Maryland.

Bernard S. Helman, A&S '62, is attending the University of Maryland Law School. Mr. Helman lives in Baltimore, Maryland.

MRS. NANCY NICODEMUS GREENwood, Educ. '62, is the Vice Principal and a teacher at Lewistown Elementary School. She has one son and lives in Walkersville, Maryland.

JOHN C. HOFFMAN, II, Engr. '62, is a Polaris Engineer with Sperry Gyroscope. Mr. Hoffman lives in New Hyde Park, New York.

MRS. VIRGINIA SEIBEI. HOUCHEN, Educ. '62, is a teacher in Prince Georges County. Mrs. Houchen has two children and lives in Washington, D. C.

Franklin L. Johnson, A&S '62, is attending the University of Maryland Medical School. Mr. Johnson lives in Baltimore, Maryland,

LT. AND MRS. ALLAN B. PERTNOY, D.D.S. '62, A&S '58, are living in Indianapolis, Indiana. Dr. Pertnoy is in the U. S. Army Dental Corps. Mrs. Pertnoy is the former Sandra Kalin.

PHILLIP V. JOHNSON, BPA '62, is in the sales department of Phillips Petroleum Company. He lives in Hyattsville, Maryland.

DR. BERNARD S. KARPERS, JR., M.D. '62, is serving as an intern at University Hospital. Dr. Karpers lives in Baltimore, Maryland.

DR. RONALD LOUIS KLIMES, M.D. '62, is serving as an intern. He and his wife live in York, Pennsylvania.

MRS. IONA M. PETTENGILL, Nurs. '62, is a Public Health Nurse with the Virginia Health Department. She and her husband live in Williamsburg, Virginia.

KATHERINE E. WHITE, P.E. '62, is a volunteer with the Peace Corps and will be serving in West Africa until July 1964. Miss White's home is in Silver Spring, Maryland.

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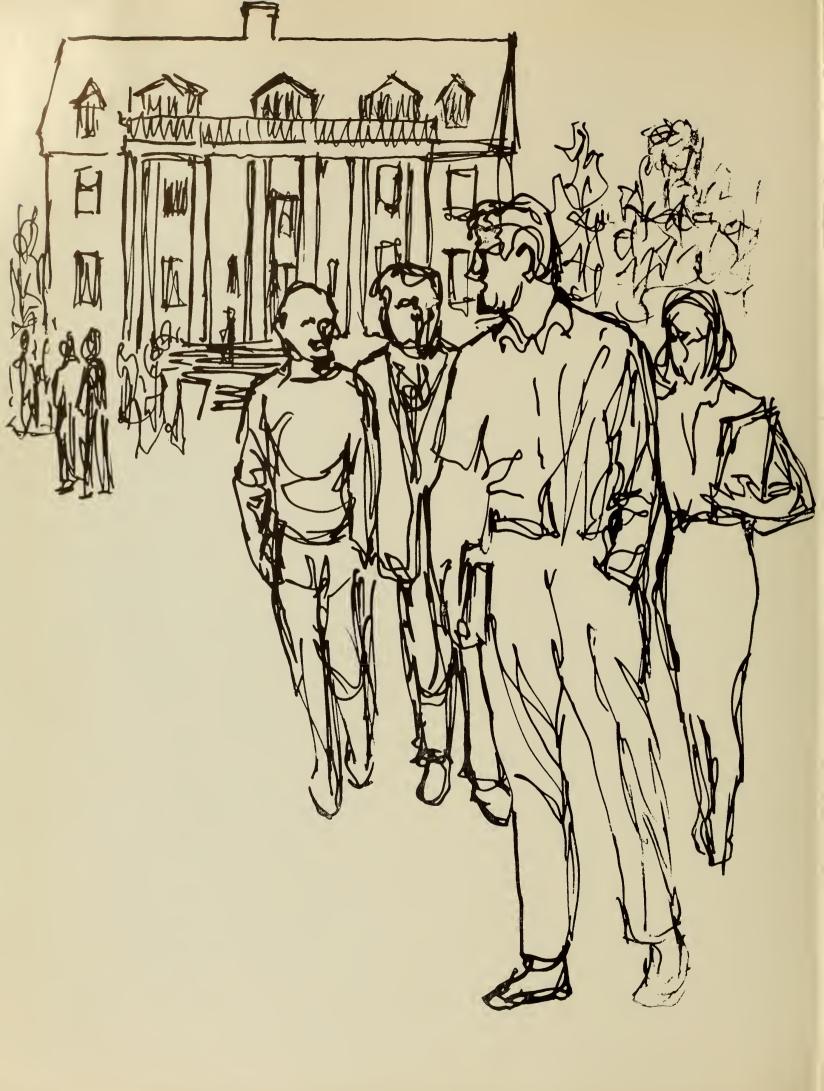
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THE COVER: In a Commencement extravagant with color and motion, the University sent 3,337 students to worldly endeavor. For most graduates this would be their last physical contact with the University, but some would return as graduate students and all would periodically receive informational bulletins and letters. Across the land, in 1,200 colleges and universities, the event was repeated. If you were to multiply by 161 the number of University of Maryland degrees awarded—3,337—you could determine the total number of degrees awarded this summer in the United States—535,000. With dignity and purpose the University celebrated for the 151st time the reason for its existence.

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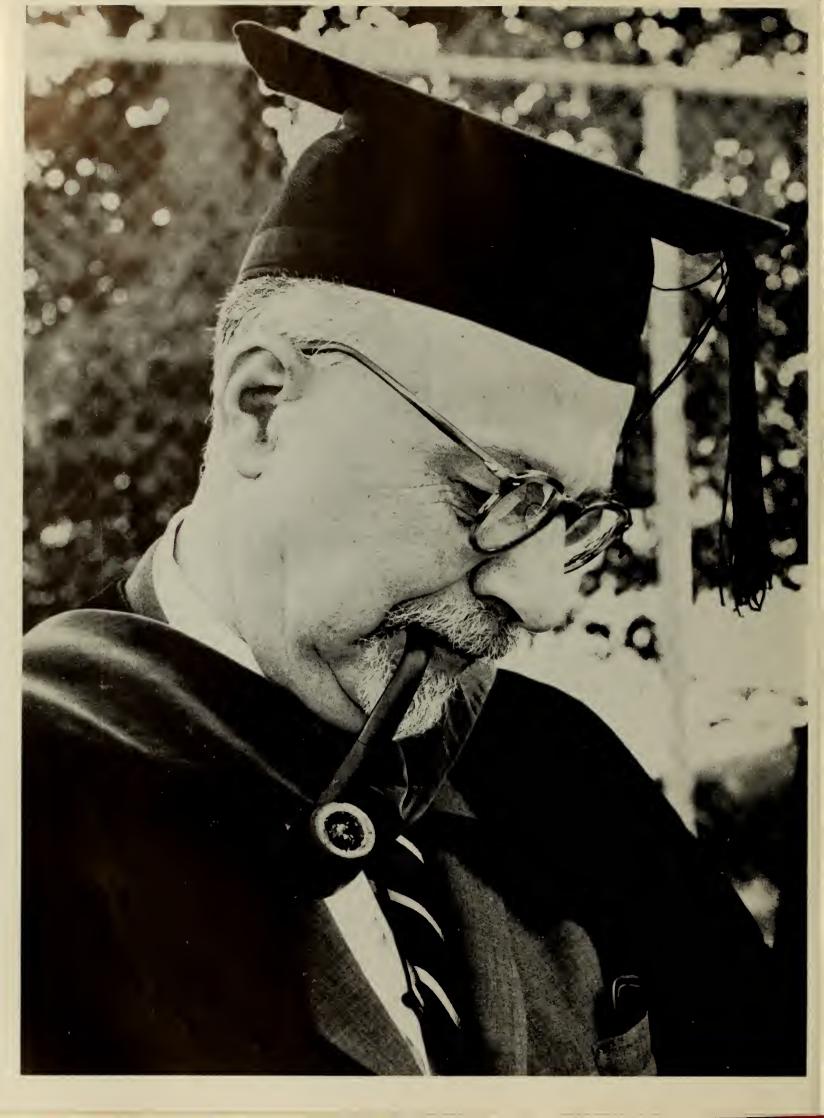
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# The One-Hundred and Fifty-First Commencement

their largest classes. American colleges and universities granted degrees to 535,000 men and women; the University of Maryland conferred degrees on 3,337 members of the Class of 1963—0.62 percent of the total American degrees granted.

For the new graduates, salaries continue to rise. For graduates with a Bachelor degree, salaries are three to five percent higher in most fields than last year. The range is considerable, however. Most new graduates will receive between \$4,500 and \$7,200 in their starting positions, depending upon the demand for their specialties, class standing and other individual characteristics and achievements, and upon the type of industry.

From rain-filled skies, a Commencement audience of approximately 12,000 entered the main auditorium of the Cole Activities Building. The auditorium was aglow with light; greenery and colorful flags and bunting created the traditional ceremonial effect.

The solemn processional moved to the strains of the March from *Tannhauser* by Wagner, and then the Reverend Jesse W. Myers, Presbyterian Chaplain at the University, delivered the Invocation.

Greetings were extended by Governor J. Millard Tawes who told the graduates: "The State is very proud of you

for your accomplishments"; and Charles P. McCormick. Chairman of the University Board of Regents who said: "Learn to give more than you receive in life and you'll be happy. I envy you the opportunity to be a part of the challenges the future holds for you."

Principal speaker at the exercises was Vice President of the United States, Lyndon B. Johnson, who was introduced by University President Wilson H. Elkins as "A man who looks like a Texan, acts like a Texan, and has accomplished what most Texans would like to accomplish." Mrs. Lady Bird Johnson was also present at the affair.

The Vice President urged the graduates to support the Nation's space explorations as a field of peace, "before it can be made into a new battlefield by tyranny." His address is presented in its entirety on pages eight and nine.

Following his address, Vice President Johnson was presented for the degree honorary doctor of laws by Dr. Donald W. O'Connell, Dean of the College of Business and Public Administration.

The honorary degree of doctor of science was conferred upon Dr. Mordecai J. B. Ezekiel, 1918 graduate of the College of Agriculture who is Chief of the United States division, U. S. Agency for International Development. U.S. State Department. Presenting Dr. Ezekiel's qualifi-

cations for the degree was Dr. Gordon Cairns, Dean of the College of Agriculture.

Dr. Arthur A. Houghton, business executive, received an honorary doctor of humane letters degree. He was presented for the degree by Dr. Albin O. Kuhn, Executive Vice President of the University. Dr. Houghton, a native of Corning, New York, is President of Steuben Glass, Director of Corning Glass Works, Director and member of executive committee of U.S. Steel Corporation and the New York Life Insurance Company; trustee of the U.S. Trust Company of New York and of the Metropolitan Museum of Art; Vice Chairman of Lincoln Center for Performing Arts, Inc.; and Chairman of the New York Philharmonic.

The honorary degree of doctor of humane letters was also conferred upon Dr. Huntington Cairns, Secretary-Treasurer and General Counsel of the National Gallery of Art, who holds an LL.B. degree from Maryland, an LL.D. degree from New York University and the L.H.D. from Tulane University. Dr. Cairns has held many positions with the U.S. Treasury Department, State commissions, museums, foundations and learned societies. He is author of Law and the Social Sciences, The Theory of Legal Science, The Limits of Art, and Invitation to Learning with Allen Tate and Mark Doren. He has been associated with the National Gallery of Art since 1943. Dr. Cairns was presented for his degree by Dr. Charles Manning, Acting Dean of the College of Arts and Sciences.

Honorary Certificates of Merit in Agriculture were presented to Mrs. Ester King Crouse, Caroline County; Frederick C. Ernst, Sr., Washington County; Ryland Lee Mitchell, Jr., Harford County; and William Desmond Walker, Sr., Prince Georges County.

Two musical selections, Gloria by Mozart and Battle Hymn of the Republic arranged by Waring, were presented by the University Choir, Men's Glee Club and Women's Chorus, conducted by Fague K. Springmann.

Degrees were conferred upon the graduates by Dr. Elkins, after which the deans of the various colleges handed out individual diplomas. Protocol was sidestepped slightly when Dr. Elkins personally awarded a bachelor of science degree in education to his daughter, Carole.

Among those who joined the ranks of Maryland alumni were a dozen graduates wearing the citron hoods that identify holders of the Masters of Social Work degree.

These were the first graduates of the University's newest professional school which began instruction in September, 1961 with 20 full-time students. An enrollment of approximately 50 is in prospect for 1963-64, when the School will add a curriculum in community social work to its instruction in social casework.

Officers of the United States Air Force and United States Marine Corps R.O.T.C. program received their commissions from Colonel Theodore R. Aylesworth, Professor of Air Science at the University.

The benediction was administered by the Reverend Mr. Theodore R. Casper, Lutheran Chaplain at the University.

Organist for the Commencement ceremony was Charlton G. Meyer and pianist was Dr. Mary DeVermond, both Assistant Professors of Music at the University. Program coordinators were Professor George F. Batka and Dr. Paul R. Poffenberger.

Honored guests at Commencement included the new Mayor of Baltimore, Theodore R. McKeldin; and Louis Goldstein, State Comptroller.

Pre-Commencement activities on the College Park and Baltimore campuses included the traditional Baccalaureate



DR. ELKINS addresses the 1963 Commencement audience.

Services Sunday, June 2, in the Memorial Chapel at College Park.

Principal speaker was Rabbi Benjamin M. Kahn whose subject was "The Educated Man and the Challenge of Our Time." Rabbi Kahn has served as national director of the B'nai B'rith Hillel Foundations since 1959, graduated Magna Cum Laude from Harvard College in 1934, and was recently appointed by President Kennedy to membership on the Peace Corps Advisory Council.

Also participating in the Baccalaureate program were Father William C. Tepe, Roman Catholic Chaplain at the University, and the Reverend Merrill A. Stevens, Episcopal Chaplain. Music was provided by the Chapel Choir.

Graduates and alumni of the College of Dental Surgery were honored June 7 at an Academic and Awards Program held in the Health Sciences Library Auditorium in Baltimore.

Dean Myron S. Aisenberg presented the following student awards: University Gold Medal for Scholarship, Summa Cum Laude, Richard Paul Beimler, Yonkers, New York; Certificates of Merit, Magna Cum Laude, to Joseph Michael Wiesenbaugh, Jr., Springfield, Pennsylvania; Henry John Van Hassel, Ridgewood, New Jersey; Richard Anthony Gallagher, Baltimore; and Frank M. Benneyan, Fresno, California. The Alumni Association Medal was presented to Richard Paul Beimler, Yonkers, New York;



The Harry E. Latcham Memorial Medal to Ronald A. Carter, Fresno, California; The Harry E. Kelsey Memorial Award to Paul Von Bose Ladd, Miami, Florida; The Harry B. Schwartz Award to William Bernard Finagin, Baltimore; The Edgar J. Jacques Memorial Award to Renato Patrick DeSantis, Baltimore; The Herbert Friedberg Memorial Key to Henry John Van Hassel, Ridgewood, New Jersey; The Timothy O. Heatwole Chair to Richard Paul Beimler, Yonkers, New York; The Katherine Toomey Plaque to Paul Von Bose Ladd, Miami. Florida; The Sigma Epsilon Delta Memorial Medal to Henry John Van Hassel, Ridgewood, New Jersey; The Alpha Omega Scholarship Award to Richard Paul Beimler, Yonkers, New York; The Alexander H. Paterson Memorial Medal to William Herbert Griswold, Matawan, New Jersey.

The Alumni Association of the School of Dentistry honored two members—Dr. Myron Aisenberg, the retiring Dean of the School of Dentistry, and the Chairman of the Department of Dental Prosthesis, Dr. Grayson W. Gaver, who was chosen Distinguished Alumnus for 1963, at the Association's Annual Banquet, June 7, at the Sheraton-Belvedere Hotel.

Both men were members of the class of 1922 and both have served on the School's faculty since their graduation.

The graduating class of 1963 were also honored guests

at the banquet, as new members of the Association.

Dr. Aisenberg has been Dean of the Dental School since 1954. He has served as President of the Maryland State Dental Association, the National chapter of Alpha Omega, the American Academy of Oral Pathology, and the American Board of Oral Pathology. He served on the executive committee of the Maryland Division of the American Cancer Society. He is also a member of the American College of Dentists, the American Dental Association, and an honorary member of the American Academy of Dental Medicine, the Middle Atlantic State Society of Oral Surgeons, and the Maryland Section of the Society of Dentistry for Children.

Dr. Gaver has served under three deans at the Dentat School, Dr. Timothy O. Heatwole, Dr. J. Ben Robinson, and Dr. Aisenberg, and has been instrumental in educating more than 3,000 dentists. He is a member of many scientific societies, including the American College of Dentists, the American Denture Society, the American Equilibration Society, the Baltimore City Dental Society, and the American Dental Association.

The Alumni Association of the School of Law held its annual banquet on May 4 at the Sheraton-Belvedere Hotel in Baltimore as a testimonial to the late Honorable Morris A. Soper, in whose name an annual lectureship is to be established.

The principal address was delivered by Dean William P. Cunningham, who reported his plans for the future of the Law School. The outgoing president of the Alumni Association, the Honorable W. Albert Menchine, was toast-master.

Invited guests of honor included the Governor and Attorney General of Maryland, the Mayor of Baltimore, the United States Senators from Maryland, judges of the Court of Appeals and Federal Courts, and University President Wilson H. Elkins.

The graduating class of 1963 was present to be welcomed as prospective members of the Association and of the bar. Dean Cunningham presented honors and awards.

Dr. Ellen Winston, U.S. Commissioner of Welfare, was the speaker at the special convocation honoring the first graduating class of the School of Social Work, May 29, in the Auditorium of the Health Sciences Library. Dr. Winston's topic was "Social Welfare Looks to the Future."

Twelve candidates received their Master of Social Work degrees at Commencement Exercises in College Park.

The senior class of the School of Pharmacy held its Pre-Commencement Prom, June 4, in the Wynnewood Dining Room, Cold Spring Lane.

At the annual graduation banquet of the School's Alumni Association, June 6, in the Baltimore Union, Dr. Frank J. Slama, Professor and Head of the Department of Pharmacognosy at the School of Pharmacy, received the 1963 Honored Alumnus Award.

Dr. Slama is a native Baltimorean and a graduate of the Baltimore Polytechnic Institute. He holds five degrees from the University of Maryland—a Ph.G., Ph.C., B.S. in Pharmacy, M.S. and a Ph.D., which he was awarded in 1935.

He has been a member of the faculty of the School of Pharmacy since 1926. For ten years while he was a graduate student and part-time instructor—from 1925 to 1935—he worked as a registered pharmacist. On sabbatical leave in 1950-51, Dr. Slama served as a Fellow at Ohio State University. He is a charter member of the American Society of Pharmacognosists, the Rho Chi Honorary Society, and Phi Delta Chi fraternity. He is also a

member of the Maryland Pharmaceutical Association, the American Pharmaceutical Association, the Baltimore Metropolitan Pharmaceutical Association, and the Baltimore Veteran Druggists Association. He has served as the executive secretary of the School of Pharmacy Alumni Association for many years.

Preceding the graduation banquet, the School of Pharmacy held its Tenth Annual Honors Convocation, at which Dean Noel E. Foss presented the following prizes and awards to outstanding graduates: Gold Medal for General Excellence to Marjorie S. Abramovitz, Baltimore; Certificates of Honor to Jeanne A. Baker, Towson; Yale H. Caplan, James J. Welsh, Baltimore; The William Simon Memorial Prize to Marjorie S. Abramovitz; The Andrew G. DuMez Medal to Yale H. Caplan; the L. S. Williams Practical Pharmacy Prize to David A. Blake, Baltimore; The Conrad L. Wich Pharmacognosy Prize to Chester L. Price, La Vale; The Wagner Pharmaceutical Jurisprudence Prize to David A. Blake; The David Fink Memorial Prize to Jeanne A. Baker; The Phi Alpha Chapter, Rho Pi Phi Fraternity Cup to Yale H. Caplan; The Kappa Chapter, Alpha Zeta Omega Prize to Stephen P. Levin, Baltimore; The Epsilon Alumnae Chapter, Lambda Kappa Sigma Sorority Prize to Thomas H. Keller, Jr., Baltimore; The Merck Award to an outstanding student in pharmacy to Marjorie S. Abramovitz; The Merck Award to an outstanding student in pharmaceutical chemistry, to Stephen P. Levin; The Bristol Laboratories, Inc. Award for extra-curricular activities to David A. Blake: The Rexall Drug Company Award for outstanding achievement to Jeanne A. Baker.

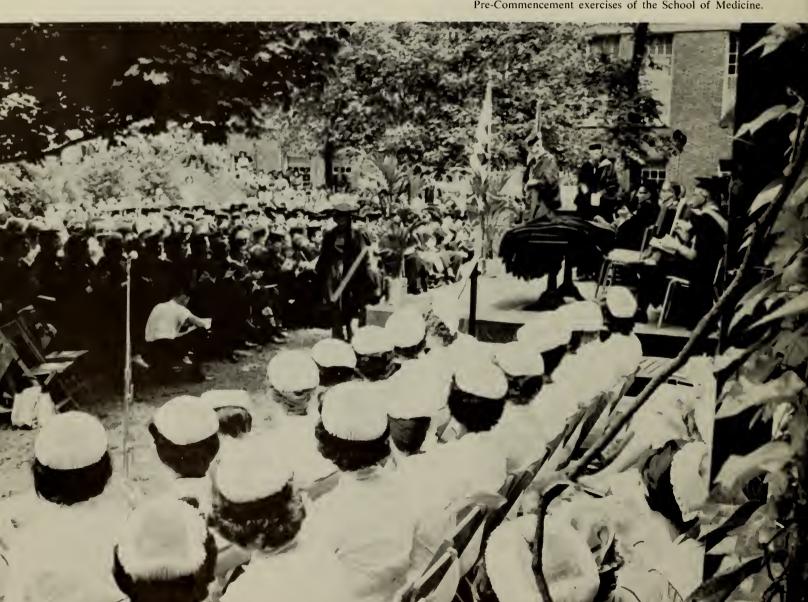
The senior class of the School of Medicine began its activities with a dinner-dance June 4 at Blue Crest North in Pikesville.

Alumni Day was celebrated at the School of Medicine on June 6, beginning with a scientific session, moderated by Dr. John M. Scott. Papers were also presented by Dr. Aaron Feder, Clinical Associate Professor of Medicine at Cornell University College of Medicine; Dr. Stanley Bradley, Head of the Department of Medicine at Columbia University; Dr. John A. Wagner, Head of the Division of Neuropathology at the University of Maryland School of Medicine; and Dr. John J. Bunting, Associate Professor of Clinical Medicine at Baylor University College of Medicine.

The annual Alumni Award and Gold Key was presented this year to Dr. Louis A. M. Krause, a 1917 graduuate. Dr. Krause is Professor of Clinical Medicine at the School of Medicine and Chief of the Medical Service at Lutheran Hospital.

Dr. Lewis Klair Woodward, Jr., Medical Director of the U. S. Department of State, gave the principal address, "The Health of Americans in Overseas Diplomatic Posts," at the annual banquet-dance that evening at the Lord Baltimore Hotel.

Certificates of life membership were awarded to the



Pre-Commencement exercises of the School of Medicine.

following 50-year graduates of the School of Medicine: University of Maryland, 1913—Drs. Samuel Allen Alexander, Philip Bean, Franklin Clyde Craven, Charles Reid Edwards, Vertie Edward Edwards, W. Frank Gemmill, Harry Goldsmith, Leonard Hays, Frederick L. McDaniel, William Tillman Martin, Norbert C. Nitch, Walter Anthony Ostendorf, Jesus Maria Buch, Harry Cornelius Raysor, William H. Scruggs, William Walter Serak, Hamilton J. Slusher, W. H. Toulson and Cleveland D. Whelchel; Baltimore Medical College, 1913—Drs. Charles F. Bove, Dawson L. Farber, Enrique Lassisse y Rivera, Ernest G. Marr, Victor C. Nah, George Piness, Roger K. Sell and George L. Zimmerman; College of Physicians and Surgeons, 1913—Drs. Rafael Bernabe, Ray Maxwell Bobbitt, Ralph Elijah Cloward, James Sylvester Dixon, James Corbin Doughty, James Fender Easton, Samuel E. Enfield, Charles William Finnerty, Paul N. Fleming, Ernest F. Flora, Benjamin F. Gallant, E. F. Harbert, Ira J. Heller, Fernando H. Janer, William T. May, Charles L. Mowrer, Leo P. Musser, William Edgar Myles, Charles Francis Nicol, Walter W. Point, Solomon Reina, Raymond Harrison Ryder, Armado Sanchez, Elias C. Segarra, Alexander Senekewitz and Fort Steilacoom.

Dr. Theodore E. Woodward was chairman of the Alumni Day program.

Dr. James A. Shannon, Director of the National Institutes of Health, Bethesda, was principal speaker at Dean's Day Pre-Commencement exercises of the Medical School on June 7, in the courtyard of University Hospital.

His Pre-Commencement topic was "The Challenge to the Physician—A Contemporary Perspective."

The academic procession on Dean's Day began at 2 p.m., after which a convocation prayer was led by the Reverend Donald C. Kerr, Pastor of Roland Park Presbyterian Church. Dr. Albin O. Kuhn, Executive Vice-President, extended greetings to the graduating class and the nurses' choral group, under the direction of Mr. Charles A. Haslup, presented several selections.

Prizes and honors were awarded to outstanding students by Dean William S. Stone. Winners were: Faculty Gold Medal, Summa Cum Laude, David Robert Hess, Shady Grove, Pennsylvania; Certificates of Honor, Magna Cum Laude, Janet Elaine Mules, Baltimore, Miles Eugene St. John, Baltimore; Certificates of Honor, Cum Laude, David Allen Braver, Baltimore, Nijole Victoria Brazauskas, Baltimore, Neal Joseph Prendergast, Baltimore, Leonard George Rivosecchi, New York City; Balder Scholarship Award for highest degree of academic achievement, David Robert Hess, Shady Grove, Pennsylvania; Award for Excellence in Internal Medicine in honor of Dr. Theodore E. Woodward, Nijole Victoria Brazauskas, Baltimore; Dr. Wayne W. Babcock Award for excellence in surgery, Philip Asbury Insley, Jr., Salisbury; Dr. Leonard M. Hummel Memorial Award for outstanding qualifications in internal medicine, Joel Spencer Gordon, Baltimore; Dr. A. Bradley Gaither Memorial Prize for best work in genito-urinary surgery, Arthur Mattus Smith, Westchester, New York; Dr. Harry M. Robinson, Sr. Prize for best work in dermatology, Peter Cornelius Fuchs, New York City; William D. Wolfe Prize for excellence in medicine, Miles Eugene St. John, Baltimore; Medical Book Award for outstanding scholastic attainment, Clifford Lewis Culp, Jr., Baltimore, Stuart Allen Perkal, Baltimore.

In addition to these awards, Dr. Stone presented to 43 wives of graduating students, certificates attesting to the assistance they had given their husbands in obtaining medical degrees.

Wives of medical students, who acted as ushers at the ceremony, were also hostesses at a reception and tea for graduates, parents, friends and faculty, at the Baltimore Union.

June week activities of the School of Nursing began June 1 with a Senior convocation at 3 p.m. in the Health Sciences Library Auditorium.

Dean Florence M. Gipe greeted the graduating students and principal speaker was Dr. C. Ronald Koons, Instructor of Medicine and Radiology at Johns Hopkins School of Medicine, formerly Chief Medical Resident at the School of Medicine.

Charles Haslup, Director of the Student Glee Club, composed a new musical arrangement for the Florence Nightingale pledge, which the group sang and dedicated to Dean Gipe.

Special awards were presented to nine graduating nurses by Miss Virginia C. Conley, Chairman of the Baccalaureate Nursing Program. Recipients were:

The Nurses' Alumnae Association Award for highest average in scholarship, Arla Ellison, Baltimore; The Elizabeth Collins Lee Award, for second highest average in scholarship, Karin Larsen, Frederick; The Mrs. John L. Whitehurst Award, for executive ability, Arla Ellison, Baltimore; The Flora Hoffman Tarun Memorial Award, for leadership, loyalty, and school spirit, Ann Davidson, Baltimore; The Mrs. Charles A. Reifschneider Award, for the best professional appearance and conduct toward patients and hospital personnel, Barbara La Garde, Frederick; Neurosurgical Nursing Prize, for the most interest, enthusiasm, and proficiency in neurosurgical nursing, Carol Haina, Hyattsville; The Elizabeth Aitkenhead Award for the most interest, enthusiasm, and proficiency in the nursing care of surgical patients, Jane Morris, Owings Mills; the Elizabeth Aitkenhead Award for the most interest, enthusiasm, and proficiency in operating room nursing, Jo Ella Bevjan, Baltimore; Woman's Auxiliary Board Award, for outstanding performance in professional nursing care, Carolyn C. Becker, Baltimore; and The Nurses' Alumnae Association Award for leadership in the professional student nursing organization, Lois Hoffman, Baltimore.

The seniors attended the Baccalaureate services in the Chapel at College Park on Sunday, June 2, and on June 3, were guests at an all-day picnic. The traditional banquet and cap-stringing ceremonies were held in the Penn Hotel in Towson on June 5.

The graduates were guests of the School's Nurses Alumnae Association at their annual banquet and dance June 7, at Blue Crest North, Pikesville.

Nearly 135 University of Maryland graduating seniors and an audience of more than 1,000 jammed Heidelberg University's Neue Aula to capacity June 2 to take part in the tenth annual Commencement ceremony of the University of Maryland European Division.

The largest graduating class in the 14-year history of the program—175—received bachelor's degrees from President Wilson H. Elkins. Some 40 members were awarded their diplomas in absentia.

Featured as speaker was the French author and historian, André Maurois, who also received an honorary doctor of letters degree. Mr. Maurois, a member of the revered Academic Francaise, is best known for his biographies of French literary figures and for his histories of France, the United States and Germany. His books have often been used in Maryland's overseas courses in French civilization.

Among civilian and military dignitaries who attended the ceremony were the Honorable J. Millard Tawes. Governor of Maryland; General Paul H. Freeman, Jr., Commander of the U.S. Army in Europe; and Dr. Fritz Ernst, rector of Heidelberg University. Dr. Ray Ehrensberger, Dean of University College, presided over the ceremonies, assisted by Dr. Mason G. Daly, Director of the European division.

Social activities for Commencement weekend in Heidelberg included a get together for full-time faculty members the day after Commencement, and a reception in honor of the graduates following the ceremony.

President Wilson H. Elkins personally presented 103 diplomas to Maryland students who completed requirements for the bachelor's degree in the Far East Division at Commencement exercises in Tokyo, Japan on March 24.

Dr. Elkins was assisted by University College Dean Ray

Ehrensberger and Dr. Leslie R. Bundgaard, Director of the Far East Division.

There were 97 men and six women in the class.

Highlight of the Commencement, held in Kudan Kaikan Auditorium, was an address by General James F. Collins, Commander-in-Chief of the U.S. Army in the Pacific, who pictured education as a potent weapon for the Nation's fighting men who must win men's minds as well as battles in the fight against Communism. He praised the 1963 class as having the determination and knowledge necessary to contribute to the Nation's further development.

Dr. Elkins conferred the honorary Doctorate of Military Science upon General Collins.

The day following graduation, 38 education advisors and officers in the Division attended a special luncheon, at which Dr. Elkins spoke briefly, and that evening a faculty dinner was held in the Sanno Hotel.

# An Address by the Vice-President of the United the One Hundred and Fifty-First Annual

So Long as there have been commencement exercises, it has been traditional to assure each graduating class that they were about to enter a disturbed, plagued and gravely threatened world. This year many speakers seem to have found a new horizon of hopelessness.

If Communism doesn't bury us, if Socialism doesn't engulf us, if our debt and taxes don't topple on us, if morality doesn't collapse beneath us, the Class of '63 is told to rest secure because, in due time, we are sure to be overtaken and destroyed by the advance of science.

I do not accept this verdict on the future of man—or the consequences of mankind's present dramatic progress in science and all the fields of human knowledge. If I may, I would like to talk with you about this today—and especially about the future relationship of government and science.

In the early 1950's, the University of Maryland ranked among the first ten of the nation in football. For reasons we won't go into here, that is somewhat changed. However, today the State of Maryland ranks among the first ten in science, in scientific activity and in scientific talent.

Maryland is making a major and impressive contribution to our national efforts in science.

But some are asking the question—what contribution are those national efforts making for all the people of all the states?

Is our space effort too dominant? Is it usurping too much of our scientific talent and ability? Is the concentration of space science depriving us of opportunities to learn what remains to be learned on and about earth? Is the space effort leading us to neglect other work we ought to be doing on earth?

If we as a nation had no competition, if we had no stakes of national prestige, if we had no considerations of national security, if there were no Communist Russia or no Communist China, if we had nothing but our self respect and our tradition of free scientific inquiry, our

effort in space today should differ very little from its present magnitude or its present priorities.

What we are and what we aspire to be as a nation rests upon the predicate of maintaining peace on earth. If peace is to be maintained on earth, free men must acquire the competence to preserve space as a field of peace before it can be made into a new battlefield by tyranny. Were there no other considerations, this alone would require us to do what we are doing in space—and would permit us to do no less.

We are not reaching for prestige in space—we are reaching for peace. And this is considerably more urgent than many realize or others will yet admit.

In large measure, this perspective helps to answer other questions now being raised.

Space is clearly the great breakthrough of human knowledge—for centuries to come. We do not know—and the Soviets do not know—what the stars will tell us. We do know that to default the exploration of the universe of space would surely be as catastrophic in its consequences as if we had defaulted exploration of the universe of the atom. Our superiority in any scientific field will be brief and fading if we do not win and hold competence in this new and decisive realm of discovery.

In exploring space, we are exploring the environment of the earth itself. We are finding paths through a new dimension—and historically civilizations have stood or fallen according to their ability to move through a dimension.

We seek to make space an instrument for peace and the development of mankind. But if we abandon the field, space can be preempted by others as an instrument for aggression.

And in a world of competing social systems, we would be naive indeed if we failed to recognize how bleak the future would be if this new dimension became the realm of tyranny. For your children, and your children's children, an iron curtain would be drawn across the pathway to the stars.

What concerns me today is the nature of the fashion-



# States, Lyndon B. Johnson, on the occasion of Commencement of the University

able outcry against science itself—and the source from which much of the most vocal criticism comes. In our enlightened intellectual community, many are parroting George Bernard Shaw's often quoted phrase, 'Science is always wrong—it never solves a problem without creating ten more.'

Science is not creating our problems—it is creating answers to our problems. A rare moment of opportunity is upon us. But many to whom we should turn for affirmation, confidence and enthusiasm are offering doubt, disenchantment and despair.

A free society can longer outlive the failures of its scientists than the lack of faith of its philosophers. We of America cannot lead the world, we cannot keep up with the world, we cannot even follow closely behind the world if we permit our sophistication and abundance to degenerate into cynicism and arrogance.

As Shakespeare put it 'Our doubts are traitors'—because they make us lose the good we might win 'by fearing to attempt.'

As the best fed, best clothed, best housed, best educated, people in all history, Americans today must not fear to attempt.

Space is a boon—not a boondoggle. We are talking superstition—not sense—when we talk of machines overpowering men. We are selling ourselves short when we show the white feather to nuclear fission.

As David Lilienthal said some years ago, 'A world of science and great machines is still a world of men—our modern task is more difficult but the opportunity for democratic methods can be even greater than in the days of the ax and the handloom.'

Our challenge today is not to turn back from the horizons of physical science but to turn toward the new and greater horizons of political science.

The struggle of this Century is a struggle between two political systems—free and slave. If science is pressed into the service of those who would enslave mankind, science must also be marshalled to support those who would keep men free. If that goal is to be served, we must not permit the pace of physical science to outrun the performance of our political science.

Our public policy as well as our popular philosophy must embrace the greater opportunities being opened to us by science and put these new capabilities to greater use. This is our real challenge today.

We have a long and undistinguished record in America of failing to anticipate the promise and potential of each new age of science, invention and discovery. Early in our history, there was an effort to close down the Patent Office on the theory that everything worth inventing had already been invented. Even so farsighted an American as Woodrow Wilson spent time denouncing the automobile. The steamboat, the locomotive, the airplane all brought prophecies of doom and gloom. We have learned a lesson we surely do not need to be taught again.

You of the Class of '63 do not graduate into hopeless times. On the contrary, unlike the Class of '53, or '43, or '33, you graduated into one of the most hopeful times in the history of man.

Our world today is moved and motivated as it has never been before by the enthusiasm, optimism and confidence of peoples everywhere. There is war—there is poverty—there is ignorance. But for the first time, nations of Africa and Asia along with nations of Europe and the Americas are working together for world peace, for economic growth, for better education.

We are climbing toward the summit of man's experience—and science is the lifeline that ties us all together. We cannot accept—we do not accept—the sudden cynicism of those who tell us this rope which lifts us up is in reality a noose about our necks.

As has been said, 'The feeling of distrust is always the last which a great mind acquires.'

The feeling of distrust of the future should be the last which a great nation such as ours acquires.



# David Brigham Resigns as Director of Alumni Relations

A FTER 16 YEARS OF SERVICE, DAVID L. BRIGHAM HAS resigned his position as Director of Alumni Affairs to accept an executive appointment with a leading Maryland banking institution.

Since 1947, Mr. Brigham has served as Director of Alumni Relations for the University and, at the same time, as the Executive Secretary of the University of Maryland Alumni Association. On July 5 of this year, members of the Board of the First National Bank, Baltimore, elected Mr. Brigham an Assistant Vice President.

Known as "Dave" to hundreds of alumni and friends of the University, Mr. Brigham has for many years been a leading figure in a number of public service organizations. He was elected a State Commander of the American Legion, 1955-56, and has served on that organization's National Executive Committee for eight years. He is the Moderator of the award-winning television program "To Promote Goodwill," which explores the beliefs of the three major faiths in America.

He received the Bachelor of Arts degree (College of Arts and Sciences) from the University in 1938. During World War Two he served as a combat infantryman and press relations officer with the 40th Infantry Division in the Pacific Theater of Operations, 1943-45.

Among his several awards are "The Man of the Year Citation" presented by the Mayor of Baltimore; "Citation for Distinguished Citizenship" presented by the Governor of Maryland; and awards for his television program presented by the State of Iowa, Interfaith Committee, Ameri-

can Legion Jewish War Veterans, B'nai Brith, American Legion Auxiliary, and the National Council of Christians and Jews.

In a letter commenting on Mr. Brigham's resignation, President Elkins wrote, in part:

"On behalf of the entire University I wish to thank you for the many contributions which you have made during the 16 years you have served in an official capacity. I wish you an abundance of success and happiness in your future undertakings."

At the June 29 meeting of the Alumni Council a commendation was presented by that organization to Mr. Brigham and it reads in its entirety:

"As Executive Secretary of the University of Maryland Alumni Association since January, 1947, and of the Alumni Council since its activation in March, 1948, he has exerted untiring and unselfish efforts in furthering the interests and welfare of the University of Maryland and its Alumni affairs. In recognition of his distinguished leadership, service and accomplishments, the Alumni Council extends its highest commendation and confers upon him a lifetime sustaining membership in the University of Maryland Alumni Association and a lifetime ex-officio membership on the Alumni Council. As he departs from his position, the best wishes and deepcst appreciation of the Council and all Alumni of the University of Maryland are expressed to him for a job exceptionally well done. May God's blessings continue upon him for success in the years ahead."

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Baltimore—Arthur G. VanReuth, '34
"M" Club—George W. Knepley, '39
Montgomery County—
Dr. Donald Boyd, '43
Pittsburgh—A. B. "Budd" Fisher, '26
Prince Georges County—
Dr. John W. Cronin, '36
Richmond—Paul Mullinix, '36
Terrapin—James W. Stevens, '19
U. S. Department of Agriculture—
William H. Evans, '26

Washington County— Charles B. Huyett, '53



THERE IS NOTHING IN LIFE MORE BASIC THAN A "GOODBYE". IT MATTERS little how it is said, or in what language. The word is soon lost in the feeling which lies behind it. The farewell may be given to a departing friend, to a loved one who has been called to final rest, or to a fellow creature who has labored in the vineyard. Man differs from all other forms of life because he has the ability to remember and to treasure his memories.

For many years, mine has been an unusual privilege. I have met you, visited you, worked with you, and written to you. No man has had a life more filled with the true blessings which the journey of life provides. Often we have spoken and written of the Heritage Tradition which is ours. We have talked of the bends in the road, of changing times, of the challenge of youth, and of unexplored horizons which only educated minds can reveal and conquer.

It is easy to say there must be no tears, there must be no regrets, there must be no nostalgia. It is fine to see new fields to conquer, to search out new challenges, to strive unrelentingly forward. These are proper thoughts, and basic in all humans who would achieve, who would make their mark, and who know that progress comes through men who are not afraid of the unknown. The forward look deserves great praise. This is why we have a University of Maryland. We are proud to have been a part of a past which gives us a stake in the future.

Basic to every man, is his heritage, the stock from whence he came, and the loyalties others established for him. To the complete man, his Creator, his Country and his Fellowmen are important. Deeply entwined in every thought, action and deed, are those who watch and care. Man attempts to accomplish for himself, but to a much greater degree for those who are always a part of his ever-expanding circle. This is why we have so welcomed news of the accomplishments of our fellow-alumni.

It might be easy to say a door has been closed, a curtain rung down, or the play is over and a farewell is in order. Such thoughts are quickly obliterated by a great light which filters through all barriers. Memory makes certain that what has been a vital part of life is not lost as a chapter comes to an end.

More than sixteen years is a long time. There are records; but records are filed, and quite often forgotten. What then makes one so sure that a curtain once drawn will not destroy the past. The answer lies in those who will follow, just as we have followed many who established guidelines for us.

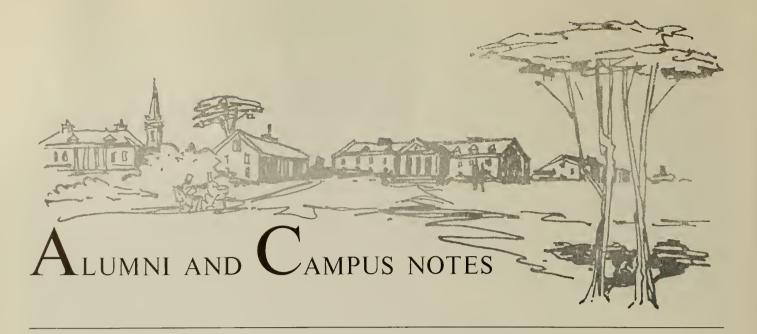
There is assurance . . . The University will go on; it will grow and prosper. It will serve new lives, and produce great alumni. The Alumni Association will develop, expand and render far greater service. The many who have demonstrated accomplishment, loyalty, dedication, support and friendship will not be lost in the going and coming.

Life is not nearly long enough to give one man the opportunity to bring all his memories into focus, and to say his thanks for the thoughts, the encouragement, the understanding and the confidence which have been his to cherish.

I can now see clearly through the tapestry. The light, which was at first so blinding, radiates from the faces of my friends. You will remember me, and I will remember you. Memory is basic to man.

Sincerely,

David L. Brigham Alumni Secretary



#### UNIVERSITY CALENDAR OF ACTIVITIES

#### **AUGUST**

- 5-10 4-H Club Week
  - 16 Summer Session Ends

#### **SEPTEMBER**

- 3-6 Firemen's Short Course
- 16-20 Fall Semester Registration
  - 21 Football, North Carolina State (Band Day), Home

- 23 Instruction Begins
- 28 Football, South Carolina, Away

#### **OCTOBER**

- 5 Football, Duke, Away
- 12 Football, North Carolina, Home
- 19 Football, Air Force Academy, (Parents Day), Home

26 Football, Wake Forest, Away

#### **NOVEMBER**

- 2 Football, Penn State (Homecoming), Home
- 9 Football, Navy, Away
- 16 Football, Clemson, Away
- 23 Football, Virginia, Home
- 28 Thanksgiving Recess Begins After Last Class

Retiring members of the faculty, and their wives, who were honored at a Tea recently at the Rossborough Inn on the College Park Campus included, left to right, George F. Corcoran, Professor, College of Engineering; Mrs. Corcoran; Harlan Randall, Professor, Department of Music; Mrs. Randall; Eric H. Small, Associate Professor, College of Engineering; Mrs. Small; Charles T. Stewart, College of Education; Mrs. Stewart; Mrs. Joseph C. Fehr; and Col. Joseph C. Fehr, University College. Retiring

members not pictured: Dr. Myron S. Aisenberg, Dean of the School of Dentistry; Bridgewater M. Arnold, Professor, School of Law; Marie Denecke, College of Education; John W. Magruder, Professor, College of Agriculture; Dr. Raymond Morgan, Professor, College of Arts and Sciences; and Mark M. Shoemaker, Associate Professor, College of Agriculture. The event was sponsored jointly by the Faculty Club and The American Association of University Professors.





MAJOR GENERAL JOSEPH D. CALDARA, right, A & S '31, recently became the first U. S. Air Force General to receive the Gold Medal of Madrid. The only other American so honored was former Ambassador to Spain, John Davis Lodge. Madrid's mayor, the Count of Mayalde, left, presented the medal to Major General Caldara "for his humanitarian efforts on behalf of the Spanish people." Caldara, outgoing Chief of the Joint U. S. Military Group, will begin a new assignment as Assistant for Mutual Security, Headquarters, U. S. Air Force in the Pentagon. He has been active in several charities during his three year tour of duty in Spain. The presentation of the medal was attended by the U.S. Ambassador to Spain, the Military Attaches representing the three armed services, other Embassy officials, and members of the City Council.

#### Pre-college Plan Aids Freshman Studies

Freshmen who will enter the University in September will have a better chance to succeed as a result of an innovation which has been added to the two-day pre-college program.

Freshmen, for the first time, are being registered and scheduled for classes during the pre-college program while upperclassmen will not register until registration week, September 16-20. They are meeting their academic advisors, planning courses for the first semester, and receiving an identification card. The University is arranging their schedule of classes to achieve a fair balance, study time, and leisure time.

The first pre-college program was started in the summer of 1958 by the Office of Student Life. Students are brought in groups of 25 representing a particular college (engineering, nursing, liberal arts, education), and in a twoday period acquaint themselves with the campus and a few of their future class-

Students have a busy schedule. The first day includes testing and interpretation of the American College Testing exam required of all freshmen. Advisors consult with the student, discuss his strong and weak points revealed by the test and recommend the best course of

Also on the first day, students will

be required to take notes at a lecture presented by a University professor. After the lecture the professor will illustrate the proper way to take organized notes in a college lecture. Other activities include a tour of McKeldin Library and a performance by the University Summer Theater.

The second day of the program is devoted to academic advising, testing and registration. Sponsors serve as guides to the group and explain everything from University history to extracurricular activities in which freshmen can participate. Sponsors are carefully selected outstanding junior and senior students.

"Fifty-five per cent of the freshmen students participated last year and we expect an equivalent percentage this year," said Dean B. J. Borreson, Executive Dean of Student Life. "Academically," he said, "the freshman that participates does better by up to point seven of his average depending on his college.'

Students attending the program are housed in Dorchester and Queen Anne's Hall. The Student Union is open for meals and recreational activities—such as swimming and bowling. Books may be purchased early at the Student Supply store.

#### School of Social Work Receives Accreditation

The University of Maryland's youngest professional school on the Baltimore campus, the School of Social Work, has been granted accreditation by the Council on Social Work Education, the accrediting body for graduate schools of social work throughout the United States and Canada. The accreditation was made retroactive to the beginning of the program.

In announcing the accreditation, President Elkins said that the new school, which began instruction in September 1961, fills a long-felt need for professional social work education in

"We are gratified," President Elkins said, "that the school was accredited at the carliest possible date and that the Council's report commented so favorably on the high standards of our School. This means that all credits carned by our first graduates are given sanction by the Council."

Twelve candidates were awarded the Master of Social Work degree at the University's Commencement Exercises on June 8, having completed the twoyear program of graduate studies.

The Council's on-campus study of the University of Maryland program was conducted by Dr. Mark Hale, Dean of the University of Illinois School of Social Work, and Margaret Schubert, Professor of Social Work at the University of California School of Social Welfarc. The accrediting activities of the Council supplement those of the Middle States Association, of which the University of Maryland is a member.

#### University Joins Low-cost Loan Program

Low cost loans from home town banks will be available to University of Maryland students who need help in financing the cost of their education under a plan that has been put into operation.

Under the plan a student, after completion of the freshman year, may borrow from the bank of his choice up to \$3,000. Repayment is by 36 monthly installments beginning four months after the student leaves school.

Mechanism for this "College Reserve Program" has been established by the United Student Aid Funds, Inc., a nonprofit corporation set up to assist colleges and universities in providing lowcost bank loans to deserving students, in cooperation with the Board of Regents. Approximately 290 colleges and universities in 42 states are now participating in the CRP.

Additional information on this program is available from H. Palmer Hopkins, Director of Student Aid, at College Park.



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Dr. Paul Borisuk, young American dentist, demonstrates American dental equipment to enthusiastic Russian stomatologists.

# Medicine, U.S.A.

# The American Exhibit in the U.S.S.R.

N 1958 THE GOVERNMENTS OF THE UNITED STATES of America and the Union of Soviet Socialist Republics agreed upon an exchange program of cultural and scientific material. The overall objective of these exchanges has been the creation of understanding. In Russian this is termed ponimaniye. In either language the problem is a highly complex one. The political, economic, and social differences between our two countries would seem to defy the possibility of developing any substantial degree of understanding but the stark alternative certainly justifies the Presidential admonition to "keep talking". In the mid-Twentieth Century, when mankind possesses the power of massive annihilation and the ability to explore the atmosphere of Venus, the rate of change is so rapid as to preclude reliance upon the status quo as a form of security.

There is a great amount of literature which has accumulated on the subject of Russia. The natural tendency of any author is to generalize from his observations, but this is a dangerous practice since the process is subject to at least four very serious limitations which may be grouped as 1) personal limitations, 2) time-imposed restrictions, 3) Soviet-imposed restrictions, and 4) provision of a standard for comparison.

The first important personal restriction is the subtle, yet pervasive, one of bias—a factor which operates so importantly during the process of interpretation. A second is education. What the observer sees and reports must be fitted into the perspective not only of Russian history but of world history, and must have a basis in political development and social economics, not only in terms of the U.S.S.R., but in terms of many societies. A third important personal limitation is that of language, that common means of communication, about which no further comment need be made.

The important time-imposed restriction has to do with

the matter of becoming an authority on Soviet society in any short period of time. The author is not even an authority on American society. Properly, this is a matter for professionals whose education fits them for their role as authorities. It is surprising how many short-term experts grind out articles and books. It is hoped that the reader will keep this in mind as he peruses this article.

The fourth and most difficult problem is that in any evaluation system one has to use a standard for comparison. This is how, after all, one evaluates most things. With what does one compare what he sees in the U.S.S.R.? Should it be with what one is used to in the U.S.A.? Even the Soviets don't do that, except to feature in their propaganda system the things which they can find in our society which detract from it, such as the existence of organized crime, the problems of our underprivileged citizens, the unemployment rate, problems of racial desegregation, organized prostitution, the struggle over social security coverage for the elderly citizen and others. These things taken out of context produce a grim image, very much like the single rotten apple in the barrel. Or, does one compare the U.S.S.R. with pre-revolutionary Russia? To do this one must now go back half a century, and, in any case, must face up to the fact that the deficiencies of that society led to the Bolshevik revolution. Use of this comparison leads into one of the basic fallacies of Marxism-Leninism. Should one speculate on what Russia might have become under a free enterprise capitalistic system as we know it today, using West Germany or post-war Japan as a model? This is obviously an imponderable, and perhaps an unrealistic approach. There is a fourth standard possible, and this is the practical one used by the Soviet citizen himself. It involves an evaluation of change in the evolving social and economic structure of the post-revolutionary and post-Second World War U.S.S.R. As one can hear again and again in the Soviet Union, great improvements

by PATRICK B. STOREY, M. D., Associate Professor of Medicine, University of Maryland School of Medicine and Medical Director of the Exhibit.

July-August, 1963



Dr. Storey and Edward R. Murrow, Director of USIA.

have taken place in many aspects of Soviet society. This is a very real experience to the Russian citizen who, no matter how young he is, in some way has been involved in the devastation of the Second World War. This year's pair of shoes is better than last year's, food is more available, and new apartment houses are going up over thousands of acres of suburbs of the great cities. The average American thinks in terms of his own house, and American suburbia consists predominantly of private homes, but the average Russian thinks just as enthusiastically of his own private apartment. Such was Yuri Gagarin's prize for being the first man to circle the earth. The Soviet citizen sees these every-day changes for the better and he is encouraged. His conviction that his country is making great strides forward from the povetry-stricken past is reinforced by the news of Soviet space exploits in which his country, at least seemingly, has outstripped the United States. That this is the standard used is strikingly illustrated by one remarkable characteristic. In our discussions with Russian visitors to the Exhibit, and particularly in our relations with Russian news reporters, it became apparent that they were very much oriented to the future. They were not nearly so much interested in discussing things as they are as they were in projecting into the future. A very tangible evidence of this tendency to orient on the future is the great emphasis placed on the education of the young. Some of the group had the opportunity to visit and be shown through one of the new Internat Schools by its principal. This is one of the developing systems of boarding schools in the Soviet system in which the children live at school through the entire week returning home only for weekends. When we visited the second grade of this school, the children, who were already learning English, sang an English song for us. Inappropriately for springtime in the Ukraine, the song was "Jingle Bells", but none the less, it was unrehearsed and very much appreciated by some homesick Americans.

Under terms of the particular agreement signed in December 1959, three exhibits were exchanged between the two countries. Shown by the U.S.S.R. in the United States were exhibits which dealt respectively with children's

books, children's technical arts and crafts, and medicine. The three American exhibits sent to Russia were in the fields of plastics, transportation, and medicine.

The American exhibits were developed by the United States Information Agency. The Medical Exhibit was shown for three weeks each in Moscow, Kiev, and Leningrad.

hibit comprised of 21 self-contained units. More than 100 business and industrial firms, private institutions, government agencies, and individuals from 19 states and the District of Columbia contributed items totaling \$150,000 to it. It included an up-to-date library of current books in the field of health and many thousands of the specialty journals of the American Medical Association which were given to the Soviet medical visitors.

The exhibit was designed to show the Soviet people various aspects of American medicine and medical care. Some of the displays were of a general interest type, and others were designed to be of particular interest to Soviet medical workers. There was a fully-equipped operating room, a typical practicing physician's office, a dentist's office, and a completely appointed semi-private hospital room. There was also a fully-stocked replica of a typical American drug store. Of more specific scientific interest were displays on industrial and urban hygiene; on the use of radioisotopes in medicine; a cardiac bypass machine with a number of internal and external cardiac stimulators, together with some of the more modern cardiac prostheses; an artificial kidney; a unit for perfusion of isolated tumors; an excellent display of prostheses and orthopedic devices; equipment used in the newborn room; blood bank equipment; and an automatic electronic monitoring system to be used in the operating room, recovery room or intensive care unit.

The demonstration staff for the exhibit consisted of 22 Russian-speaking Americans, half of whom were drawn from professional medical fields. The exhibit was under the competent administrative direction of full-time members of the United States Information Agency.

The reaction to the exhibit by the Russian people was most gratifying. The attendance in Moscow averaged about 1,500 people a day; in Kiev about 7,000 a day; and in Leningrad about 5,000 a day. In the latter two cities, people waited in line for three and one-half hours to four hours to be admitted to the exhibit. The vast majority of visitors were friendly and curious, and very much interested not only in what was shown at the exhibit, but also in talking about America. As was true of the two previous exhibits, they had many questions to ask about the American way of life. Their written comments as they left the exhibit were almost universally friendly and appreciative.

There were two sources of adverse reaction to the exhibit. The first was a consistent criticism by the Soviet press which tried to point out to the Soviet people that the exhibit did not present a true picture of medical care in the United States, where such care, they said, was available only to the rich and not to the American worker. This type of press comment was consistent with the usual Soviet presentation about the problems of the American people. The second type of adverse reaction which was concountered came from Soviet medical workers who would have preferred a much more technical type of exhibit of the kind that is presented by scientific societies here in the United States. This wish on the part of Soviet medical

scientists for a more detailed presentation of American medical science was quite understandable and testified to the great regard in which American medicine is held by the Soviet physician.

During our stay in the U.S.S.R. the professional members of the staff had the opportunity to visit many Russian clinics, hospitals, and medical institutions. With few exceptions, our reception by the Soviet doctors was cordial and warm. We had the opportunity to visit many wards and laboratories and to talk to many Russian physicians and surgeons about the problems common to doctors anywhere. This gave us the opportunity to see how medical care is administered in the Soviet Union. There were some things which we saw which were impressive, and many other things that were most unimpressive.

The Russian medical system differs from ours in that it is administered as a Central Government function on a cost-free basis to the individual citizen through the Ministry of Health. The right to the protection of his health and to free medical care in case of illness is a constitutional guarantee to the Soviet citizen.

The closest American analogy to the system of administration of medical care in the Soviet Union is the medical care program of the Armed Forces. The distribution of care in the Soviet Union is organized on a regional and district basis with general hospitals, polyclinics and local dispensaries operating within a given region supplemented by a rapid medical aid system which is mobile and responds to the call of a citizen who needs medical attention on the street or at home. In addition to this system, there are more specialized hospitals which may service great

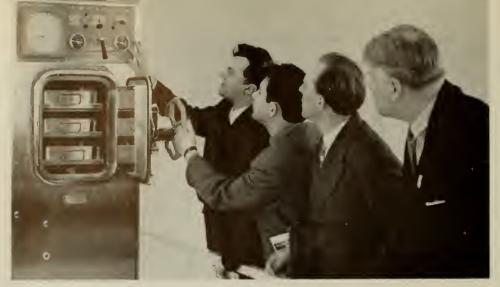
areas depending upon the kind of work that they perform.

If a citizen needs police help he dials 01, in case of fire 02, and if he needs medical help he dials 03. The public pay telephones are equipped with a button which activates the call without the necessity for the deposit of the usual 2 kopcc coin. The citizen is authorized to use this button when he is calling for public service. The rapid medical care limousine, which is staffed with a physician. is dispatched in response to this call for help. The patient is treated at home, in the limousine, or taken to the hospital depending upon his needs. During his illness and his absence from work, his salary is not forfeited. If, when he returns to work, there is a physical limitation on what he can do, a prescription to this effect is written by his doctor which must be honored by the plant manager. An interesting aspect of an applied public health principle was described to us at the Tuberculosis Institute in Leningrad. When a patient is found to have tuberculosis the living conditions of his family are investigated. If it is found that these are substandard, as they frequently are because of the shortage of living quarters, the family is moved into new quarters with the idea in mind of preventing that next case of tuberculosis from appearing.

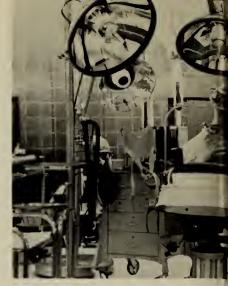
Through lack of sufficient experience, I am unable to comment on the actual adequacies of this system in providing care. Nominally the Russian doctor works a 36-hour week. Comments from the visitors to the exhibit led me to think that in addition to the official State-administered system there is a certain amount of private practice of medicine and that if one wants reasonably fast service one has to pay for it. I have no idea of the extent

Miss Anita Magnus demonstrating items from the well-stocked drug store which was provided by Drug Fair of Washington, D.C. Fluent in Russian, English, Dutch, German and French, this young American really enjoyed her work as a guide with the Exhibit, as harassing as it often became. The tremendous assortment of consumer items available in the U.S. is in marked contrast to their scarcity in Soviet Russia.





Russian medical visitors to the Exhibit were keenly inquisitive about items of equipment. They were very much impressed with American workmanship, and probably not too credulous about its wide availability in the U.S.



While a critical article was being published prominent surgeon, his staff was visiting the ment as we could give away, including such

of this "off hours" practice system.

The hospitals we visited appeared to be adequate and to be well-staffed. They are similar to American municipal hospitals, but not comparable to American Federal hospitals. The medical wards of the Botkins Hospital in Moscow were over-crowded at the time of our visit with six patients to a room and some patients in the hallways. This may, however, have been a function of the time of year since we visited there in early March. Our own hospitals have trouble coping with the demands put upon them at this time of the year. The extensive building programs in Moscow, Kiev and Leningrad include the provision of new hospital and clinical structures, some of which were partially completed.

THE RUSSIAN MEDICAL EDUCATION SYSTEM ALSO DIFfers considerably from ours. It is administered under the Ministry of Health and the Ministry of Higher Education. There are some 70 schools of general medicine in the Soviet Union, 27 schools of pediatrics, 23 schools of hygiene, 17 schools of stomatology (dentistry) and ten schools of pharmacy.

For all of the medical institutes of the U.S.S.R. there is a single curriculum developed by the Central Ministry. Medical education is free to students; the state provides funds for the operation of the institute. The students receive a stipend of 30 rubles a month during their years of study. A student is eligible for entrance into one of these schools upon completion of ten years of secondary school. He must take a competitive examination. There are three or four applicants for each vacancy, so the competition is stiff. Fifty-five per cent of the students are now men which indicates a shift in the proportion between the sexes. Women still comprise approximately 75 percent of the practicing doctors.

The course in the medical school lasts six years and is oriented on a basis somewhat similar to that in our schools with the first two years devoted to the didactic basic sciences, the next two to the clinical sciences and the last two towards a practical experience on the wards and perhaps outside the schools in the dispensaries of the city or of a factory. The graduating student must take five state examinations: 1) Marxist Philosophy, 2) Internal

Diseases, 3) Surgery, 4) Obstetrics and Gynecology, and 5) Hygiene.

The placement of new doctors is compulsory. They are offered a choice of several areas of the country where there is a demand for doctors. Having indicated their choice they receive an assignment for the next three years.

Beyond the point of graduation from medical school there are three systems of higher medical education, which may be described roughly as follows: Continuing Medi-CAL EDUCATION. This is on an organized basis. There are 11 institutes for the professional advancement of doctors. Some 16,000 doctors a year improve their qualifications in these institutes by means of short specialized courses of from four to six months. A doctor has a chance to do this every two or three years. He is given a scholarship for this peroid, his continued salary is guaranteed, and dormitory space is provided him. There is a "Clinical Internship" system throughout the large hospitals and medical institutes of the U.S.S.R. This compares with our house-officer training system. Approximately 2,500 to 3,000 young doctors per year enter this program for 2 to 3 years of specialized training. Upon graduation from this program these doctors work as specialists in large urban or suburban hospitals, or in regional hospitals. The third program may be referred to as the postgraduate program. This is the main source of recruitment for professors and instructors in medicine. The Postgraduate schools accept young graduates who have had no less than 3 years of practical experience and have demonstrated interest in scientific research. This postgraduate program enrolls about 700 to 800 doctors per year. Upon graduation from this 3-year course, the postgraduate student presents a thesis to attain the learned degree of Candidate of Medieal Sciences.

In addition to the training of physicians, the Soviet medical education system provides for the training of a "middle" medical worker, for which there is no analogue in the American system. These are the feldschers, whose course of training lasts for three years beyond the eligibility point of the ten year secondary schools. Depending upon their specialization, feldschers are concerned with the handling of many of the minor problems of medicine, obstetries, and surgery. It is interesting to note that should they at some time decide to go on to attain the status of



the Soviet press over the name of a erating Room and getting as much equipmonplace items as atraumatic needles.



Dr. Maxwell Lear, general surgeon in private practice in New Haven, demonstrating the surgical equipment of the operating room. Genial dean of our group, he took care of all of us as sickness took its toll away from home.

a doctor they must take the entire 6 year course in the medical institute, but they do have a priority on entrance into such an institute.

Medical research in the Soviet Union is also centrally organized and directed. There is a heavy emphasis on applied research in medicine, a phenomenon which is apparently characteristic of other fields of Soviet science.

Education, research and administration are the status carrying subdivisions within the profession. The doctors who have proceeded along these lines are much more highly paid than the average. There appeared to be a great preponderance of men among the higher echelons. It was my impression that many of the women doctors had their duties as wives and mothers to look after, a function which could be reasonably well adapted to the 36-hour work week of the Russian doctor.

We invariably found that the Russian physician and surgeon was a great admirer of the American medical sciences. Most of them were able to read English although few could speak it. The Index Medicus, detailed abstracts of the world medical literature translated into Russian, American medical journals, and American textbooks, however old, were in all the hospital libraries which we visited. In order to conserve money a limited number of American journals are purchased or exchanged, are then excellently reproduced by a photo-printing process, and these reproduced copies are widely distributed throughout the Soviet Union. The JAMA is called the SHAMA by Russian doctors.

It is difficult to comment on the overall effectiveness of this system or on the quality of the profession in terms of research, education and medical service. While we were in the Soviet Union we had occasion to read and see reports published by Soviet visitors returning from the U.S.A. Invariably these reports conformed to the pattern of being condemnatory even to the extreme of pointing out that many American women have their babies on the streets because they cannot afford to pay \$600 or \$800 for a place in a maternity hospital. In effect, these reports produce a false impression of conditions in the U.S.A. This is deliberate on the part of the Soviets. As an American, I am under no constraint to indulge in this kind of emphasis by describing the consumer item shortages and the inefficiencies of the Soviet system. To judge from the

comments of visitors to our exhibit and from what we saw on our various visits, medicine and medical care in the Soviet Union suffer from some severe deficiencies by our standards. Medical service is, after all, a consumer item. The Sovict system has not provided its citizens adequately in terms of the things that go towards making life a little more livable, and this includes medical care. The equipment in our exhibit was looked upon with avid eyes by the most prominent men in Russian medicine and surgery, as were all of the items displayed in the drugstore section of the exhibit by the average citizen. Their technical equipment necessary to the effective practice of modern medicine was often makeshift or imported in small quantities for specialized institutes. Our heart-lung machine was actively sought after in all three cities as were many of the items displayed in the operating room. In the Soviet Union dental gold costs \$8.00 a gram contrasted to \$.90 a gram in the U.S.A. The use of dental porcelain is almost non-existent and stainless steel is very widely used for dental prostheses. Consequently, the Soviet citizen smiles at you with either a golden or a stainless steel smile depending upon his ability to purchase gold. They do not have the high speed turbin dental drills that are characteristic of every dentist's office in the United States. We were proudly shown four of these, which were imported units, in the main Polyclinic for Stomatology in Leningrad. On the other hand, they have also made great accomplishments under adverse circumstances, not the least of which is the provision of a more favorable physician-population ratio than we have now in the United States.

There can be no doubt that many of their physicians and surgeons have achieved excellence. It was indeed a privilege to meet some of these men. One of their great problems, in my opinion, is that they have suffered by isolation from their Western colleagues. Their only communication has been through the printed word. The rapid development of knowledge and the true realization of its significance depends upon the free exchange of ideas and the opportunity to see them in action. They have not had this opportunity until very recently and such exchange is still very meager. It is increasing, however, a trend which should certainly be encouraged to the mutual advantage of both sides.

WITH OPENING GAME ONLY A LITTLE MORE THAN A month away and interest in the five-game home schedule heightened by the biennial appearance of Penn State at College Park on November 2, Maryland football fans will be scanning the sports pages with renewed interest as the Labor Day weekend gets under way.

Labor Day will be just that for the nearly 60 players Head Coach Tom Nugent will have greeted three days previously, for what will be a holiday to most of us will be the first day of practice for the 1963 Terrapin grid

Nineteen letter-men are expected to be among the squad which will check in the evening of Friday, August 30, to get settled before facing the news photographers the following day, "Press Day." The real work will start two days later, and if you've never seen a Nugent-directed practice session, it's worth the trip out to watch. Some observers have likened it to a Hollywood set, with the director-tutor and whistle-tootin' Tom-at the helm of a raised platform, supervising all.

Third-place finishers in the Atlantic Coast Conference the past three years, the 1963 Terps will be hard-pressed to maintain that pace in the upcoming race. Those 19 lettermen sound pretty good until it is realized that defending champion Duke will have 20 and runnerup Clemson 24. Altogether, six of Maryland's opponents will have more experienced personnel than our College Parkersonly South Carolina, Wake Forest and Virginia have less.

There's no room for pessimism, though—not with senior Dick Shiner who already has stamped himself as the greatest passer in Maryland history—back to create new records every time he throws the ball. The goodlooking lad from Lebanon, Pa., who finished third among the Nation's passers last year, set no less than ten all-time Maryland records during the 1962 campaign and came close to equalling two all-time Conference marks of that renowned pair of Carolinians, Norman Snead of Wake Forest and Roman Gabriel of N. C. State.

Completing 121 passes in 203 attempts last year for a brilliant .596 percentage, Shiner came within two of Snead's record 123 completions in 1960. Coupled with the 58 he completed as a sophomore, the Terp towhead will enter his senior year with a two-year total of 179. That's 106 behind Gabriel's career mark, but Dick needs less than he completed last year to match the ex-Wolfpack great.

Maryland-wise, here are the passing records Shiner already owns or shares: (old marks in parentheses)

Single game: Most passes completed—17 (ties Mont's

1946 mark) Most total plays—40 (ties Scarbath's

1950 mark)

Most yards gained—272 (Scarbath 243,

Most passes attempted—203 (132, Betty, Season:

Most passes completed—121 (82, Betty,

Most yards gained passing — 1,324 (1,049, Scarbath, 1952)

Most total yards gained—1,426 (1,286, Scarbath, 1952)

Career: Most passes attempted—314 (269, Scarbath) Most passes completed—179 (131, Scarbath) Most yards gained passing — 2,245 (2,187, Scarbath)

Little wonder, then, that Shiner is being constantly mentioned as a genuine all-America threat and that his quarterbacking is the chief reason Terp fans are expecting Coach Nugent to field his fourth winning team in a row.

Maryland won't have to depend entirely on Shiner's passing for offensive purposes; not with the return of Len Chiaverini who, as a sophomore, led the ACC in rushing last year (602 yards—3.9 average) and the senior Ernie Arizzi, who was the Terps' third leading yard-eater. Also due to be heard from in this position (swingback) are the sophomore, Tony Cerra, and the junior, Ronnie Adams. Cerra has a lot of potential needing only experience; Adams is called a great prospect by the coaches. It's obvious why this position is rated the team's strongest.

Other backs you'll be hearing about are the senior Bob Burton, an excellent all-around player who's filled every position except signal-caller in the backfield; Steve Glaser, an area product who should come into his own as a senior after being plagued by injuries his first two years; Jerry Fishman, 220-pound tailback who was the outstanding player of the spring game and who gained over 600 yards as a freshman two years ago and Darryl Hill, Maryland's first negro athlete. The last-named had a fine spring; is quick, agile and an extremely dangerous safety man. Terp coaches call him their jack-rabbit back, who sometimes looks like Bobby Mitchell in action.

However, games are won and lost in the line and it's there that Nugent's '63 squad is most suspect. You can't lose men like Roger Shoals, Walter Rock and Dave Crossan without feeling it and although their replacements are promising, for the most part they're inexperienced. The split-end position still is in a variable state, much as it has been the past two years. Frankly, there's not too much height there with Andy Martin, the likeliest to open the season, standing a bare six feet. Letterman Dave Nardo, a wild-card defensive end last year, is the best blocker on the team but he may be shifted to another spot. The senior Ed Rog could play a lot.

The guard spots are much like the tackles: fairly big, physically, but lacking experience. Joe Ferrante, the only senior, is a good two-way guard and undoubtedly will start while Fred Joyce, a junior, came along fast last year. Three sophomores—Larry Bagranoff (215) and the Melcher twins, Dick and Mick, are fine prospects.

It's the center position that causes Maryland's coaches to smile. There, they have all three lettermen centers back from last year: Co-captain Gene Feher, who should be all-Conference; Ed Gilmore, another senior, and Ron Lewis, a junior. Lewis, an excellent line-backer, acted as defensive quarterback last year.

Although the Penn State game tops the home slate, there'll be four other top games at Byrd Stadium this season with N. C. State furnishing the first opposition on September 21. North Carolina invades October 12, the Air Force October 19 with Virginia again winding things up on November 23. Don't forget that the Duke game at Richmond on October 5—the Tobacco Bowl game—also is Maryland's home game.

# Through The Years

T IS OUR HOPE THAT THIS COLUMN I is proving of interest to you. It's success is dependent, in a large measure, upon your willingness to give us information for use in the column. We want to know about you, your activities, your accomplishments, and items of personal interest concerning your family and friends and your school-mates and your fellow-alumni. If you have an item of interest which you would like included in the column, please take a moment to jot it down and send it in to us: ALUMNt OFFICE, ADMINISTRATION BUILDING, UNIVERSITY OF MARYLAND AT COL-LEGE PARK.

#### 1895-1919

Dr. Arthur J. Kiser, d.D.s. '94, of Colorado Springs, Colorado, died on December 14, 1962.

ROLAND LEE HARRISON, SR., Agr. '95, died on April 19, 1963, after being struck by a ear while visiting in Sarasota, Florida. Mr. Harrison was one of our oldest and most loyal alumni. He returned to eampus whenever possible for Homeeoming and reunions. Until his death, he lived in Arlington, Virginia. He was 87.

MORRIS A. SOPER, LL.B. '95, died at his home in Baltimore on March 11, 1963. Judge Soper had a long and distinguished eareer with the United States Fourth Circuit Court of Appeals. He was 90.

DR. JESSE C. COGGINS, M.D. '96, died in Laurel, Maryland, on January 21, 1963. Dr. Coggins was the owner and director of the Laurel Sanitarium, which he opened in 1905. He was 88.

OTTO SCHOENRICH, LL.B. '97, is associated with the international law firm of Curtis, Mallet-Provost, Colt and Mosle of New York. Mr. Schoenrich served in many legal and consulting capacities for a number of Latin American countries, and has written several books concerned with several of these countries.

JUDSON H. SENCINDIVER, Pharm. '97, died in Silver Spring, Maryland, on January 19, 1963. Mr. Seneindiver manufactured and sold a line of drugs and cosmetics. He was 88.

DR. JOHN E. LEGGE, M.D. '99, died on September 20, 1962, at the age of 87. Dr. Legge was one of Maryland's senior physicians and an outstanding teacher at the University of Maryland School of Medicine.

#### 1920-1929

H. Morrison "Hap" Carrol L. Agr. '20. of Bel Air, retired recently after many years in the County Agent field.

DR. J. P. PONTE, JR., M.D. '20, of New Bedford, Massachusetts, is active as a surgeon, a member of the local yacht club, and a Fellow in the American College of Surgeons.

DR. VINCENT BONFIGLIO, M.D. '21, is in active practice in Los Angeles, California.

WILLIAM C. ROGERS, LL.B. '21, of Baltimore, is President of the Security Title Guarantee Corporation of Baltimore. He is active in the Knights of Columbus, Elks, America Israel Society, National Conference of Christians and Jews, and is Chairman of both the Maryland interracial Commission and the Baltimore City Human Relations Committee.

ALBERT A. LEVIN, LL.B. '22, is a practicing attorney in Baltimore. He has served as Assistant Attorney General, Police Magistrate, and Enforcement Director at the Office of Price Stabilization.

DR. SAMUEL HARRY BLANK, D.D.S. '22, is Superintendent of the Camdent Free Dental Clinic of Camden, New Jersey, and is active in numerous dental societies.

J. HERBERT SNYDER, Agr. '22, resides in Walkersville, and is Manager of the Farm Credit Associations of Frederick. He holds active memberships in the Lions Club, Grange, Masons, and County Farm Bureau.

DR. FREDERICK T. KYPER, M.D. '23, is an aetive physician, and Associate Professor in the School of Medicine. He is an active member of Rotary, the Alumni Club of Baltimore, and is Chairman of the E. N. T. Society.

J. PHILIP SCHAEFER, Engr. 23, is Manager of the Commercial Service and Power Division of the Potomac Electric Power Co. His home is in Bethesda, and he is a Mason, a Rotarian, President of the Men's Garden Club, and active in the Chevy Chase Educational Foundation, and The Chamber of Commerce.

GEORGE HOFFERBERT, 11.B. '23, has a private practice, and is a member of the Board of Fire Commissioners for Baltimore City. He has previously been a member of the Board of Municipal & Zoning Appeals of that eity, Collector of Internal Revenue for Maryland and D. C., and President of the Commissioners for Opening Streets in Baltimore City. He served as a member of

the State Senate of Maryland and as a Member of the House of Delegates. He has also been active in the Knights of Columbus, Alhambra, Moose, Flks, Eagles and many other organizations.

Dr. Louis A. Schultz, M.D. 24, is a practicing physician in the Bronx.

LUTHIR STATMAN LAMBERD, 11.B. 24, is Manager of the Contract Bond Department of the Maryland Casualty Company in Baltimore.

FIGRENCI S. MAY, Agr. '28, of Salisbury, Maryland, holds both an M.S. and a Ph.D. in Botany. For a number of years she was a member of the Biology Department at Maryland State Teachers College at Salisbury. She has held memberships in the American Association for the Advancement of Science, and the American Association of University Women, also a member of the Women's Auxiliary Board of Peninsular General Hospital.

RALPII W. POWERS, A&S '28, is a resident of Upper Marlboro, Md., also received his LL.B. degree from George Washington University in '31. Prior to becoming a Circuit Court Judge, he practiced law, was a member of the State Legislature, and was President of a number of organizations including the Prince Georges Chamber of Commerce, and the Prince Georges Bar Association. He served four years with the Army and attained the rank of Lt. Col.

JOSEPH W, STROHMAN, Engr. '28. lives in Chevy Chase, Md, and is the Director, Estimates Div., Off. of Design & Construction Public Bldgs. Service, G.S.A. He is a member of Alpha Tau Omega Fraternity.

GOLDIE H. TALBOT (Mrs. Dewey), Nurs. '28 of Baltimore, Md., works on private duty. Previously she was Night Sup't, of Kernan Hospital for Crippled Children in Baltimore.

J. SAVIN GARBER, M.D. '29 of Jamaica, L.I., N.Y., is a praeticing physician. He served four years in the Army, and attained the rank of Captain. He is a member of the A.M.A., and has been treasurer of the Parkway Hospital in Ouens.

REV. W. P. PLUMLEY, A&S '29, of LeRoy, N. Y., received his B.D. in Theology from the Virginia Theological Seminary in '32, is presently Clergyman Rector, St. Mark's Church, LeRoy, N. Y. He has served as Chaplain in the Armed Forces both in reserve and active duty from 1929-1956, and held the rank of Lt. Col. His wife Dorothy was a BPA graduate of '33.

#### 1930-1939

G. Bowers Mansdorfer, M.D. '30, is in private practice in Baltimore, Maryland.

CLARE GEEN DUCKETT holds a Certificate of Professor from the School of Law, '34, and also attended Loyola, Johns Hopkins and Goueher College.

Is now in private Practice of Law in Annapolis. At one time was a full time staff member of the Legal Aid Bureau in Baltimore. She is the wife of Judge O. Bowie Duckett. Mrs. Duckett is a member of many civic organizations and business organizations, some of which are the State & County Bar Assn.. Anne Arundel General Hosp. Assn.. Anne Arundel County Mental Health Assn. and others. She was the Chairman of the City of Annapolis Cancer Drive in 1958.

WESLEY J. KATZ, M.D. '34, of Batesville. Ark, is a surgeon. He is the Chief of Staff of Grays Hospital, and Surgeon of MOP Railroad. He has been Past Pres. of several medical societies, Past Grand Master F. & A.M. of Ark.; is member of 33rd degree Red Cross of Constantine; K. of the York Cross of Honor, Scimitar Shrine; Gov. of the Advisory Comm. of Education; Chrmn. of the Comm. on Public Schools; Pres. of the School Board 1954 to the present time; Past Pres. of Kiwanis; Founder member of S.W. Surgical Congress. He also belongs to the AMA among other Medical Societies.

BERNARD GROSSMAN, Ph.G. '34, of Livingston, N. J. is now Field representative for Ayrst Laboratories. He was formerly a store manager for Whelan Drug and Liggett Drug. He was a Tech. Sgt. during World War II.

E. ROBERT KENT, Engr. '34, lives at Sherwood Forest, Md. and is President of The Poole and Kent Co. He is a Lieutenant in the USNR, and holds memberships in a number of Engineering Societies including the American Soc. for Htg., Refr. & Air Conditioning Engineers and the Nat'l Soc. of Professional Engineers. He is a Mason and a Shriner.

LESTER E. MALLONEE, LL.B. '34, resides in Laurel, Md., having his own private Law Practice. He is a member of the Order of the Coif, the American Bar Assn., Maryland Bar Assn., the American Legion Post No. 60 and the Forty and Eight, and is Vice Chairman of the Prince George's Co. Chapter American Red Cross.

RICHARD O. WHITE, Agr. '34, of

Hyattsville, Md., is Assoc. Dir. Pesticides Regulation Div., U. S. D. A. He formerly was an Entomologist with the same department. He is a member of Alpha Zeta Entomological Soc. of America, and the Insecticide Soc. of Wash. He holds the rank of Major in the Army.

EDWARD F. COTTER, M.D. '35, is a practicing Physician in Baltimore. He also received a Ph.G., B.S. in Pharmacy in '31. He formerly was an Assoc. Prof. of Medicine at the Univ. of Md. School of Medicine, and Chief of Medical Dept. at Maryland General Hospital. He held the rank of Lt. Col. during World War II.

CHARLES DAVID WANTZ, A&S '35, of Cincinnati, Ohio, is Assistant Zone Mgr. of the Chevrolet Motor Div. of General Motors Corporation, and has served in a number of positions with this same firm since his graduation from the University of Maryland.

THOMAS H. WEBSTER, III, Engr. '35, lives in Bromall, Pa. and is working as an Engineer in that area.

W. W. Noel, D.D.S., '35, is living in Hagerstown, Md. He has a general practice in Dentistry.

Col. Edward F. Quinn, Jr., Edu. '35, is living at Fort Meade, serving with the Army since 1939. He was formerly a teacher. He also holds his M.S. Degree from the University of Iowa which he received in 1950.

VICTOR ROSENTHAL, M.D. '36, now lives in Merrick, L.I., N.Y. He also holds a degree from A&S '32. He is a general practitioner.

J. RODMAN HARRISON, Agr. '36, of University Park, Md. is a Staff Assistant with the Washington Gas Light Co. He served for two years as a Pfc. with the Armed Forces.

ELBERT H. COHEN, LL.B. '36, of Baltimore, is a Division Chief, Sanitary Section of the Baltimore City Health Department.

A. B. BEVERIDGE, Engr. '36, of Hyattsville, also holds a JD degree in Law received in 1941 from the George Washington University Law School. He is a Partner in law firm of Browne, Schuyler & Beveridge, and formerly was

a Patent Atty. with G.E. Co. and also other law firms. He attained the rank of Colonel, USAFR. He is a member of the Order of Coif, and belongs to several fraternities. He is a member of the Supreme Court and D. C. Bars, and several others. He is also a member of The Rotary Club.

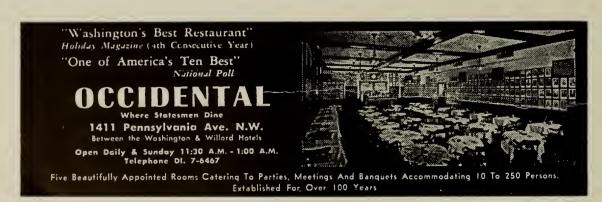
MRS. W. GIBBS MCKENNEY, H.Ec. '36, of Baltimore, was formerly a teacher in both the Baltimore and Washington, D. C. Public Schools. She has been a National Officer of Delta Delta Delta Sorority, and is a member of the Board of Directors of the Baltimore Regional Chapter of the American Red Cross.

I. EDWARD FOX, D.D.S. '37, is a resident of Atlantic City, N. J. and carries on a private practice in Dentistry in that city. He was a Captain with the Armed Forces during World War II.

RAYMOND K. THOMPSON, M.D. '41, of Baltimore, is a Neurosurgeon, and an Assistant Prof. of Neurological Surgery at the University of Maryland School of Medicine. He holds the rank of Lieutenant, USNR. He is a member of the Medical & Neurosurgical Societies, a Past President of CNS, and President of the Medical Board at University Hospital in Baltimore. He has had "Pediatric Neurosurgery" published.

WILLIAM S. JAMES, LL.B. '37, is now residing at Havre de Grace, Md. He is a State Senator of Harford County, Maryland.

PYKE JOHNSON, JR., A&S '37, of Old Greenwich, Conn., has also received his M.A. '39, in the Field of English from George Washington University. He is at present Editor-in-Chief of Anchor Books. Among his former positions he was Publicity Mgr. for publishing firm, teacher of English at Columbia Univ., Editor of a publishing firm, Res. Asst. National Education Assn., and Graduate Asst. at the University of N. C. He holds rank of Lt. Comm., USNR. He has held memberships in many publishing and library associations. He has had several papers published, and has been a guest lecturer at N.Y.U., Univ. of Michigan and other schools.





HARRY E. HASSLINGER, Edu. and GEORGE O. WEBER, Engr., both of the Class of 1933, were commissioned second licutenants from the University's ROTC Program on June 2, 1933. Both retired as Colonels in the U.S. Army Reserve on June 3rd of this year. The tables were turned—George has been the Commanding Officer of the ROTC, and Harry was the Commander of the Reserve Unit, the 2221st Corps Hqs. Both were given citations by the Army, and recognition by members of their Unit. Harry received a gold watch. Weber is the Director of the Physical Plant and Supervising Engineer for the University, while Hasslinger is the immediate Past President of the University's Alumni Association.

DAVE BRIGHAM, A&S '38, Alumni Secretary since 1947 has joined the First National Bank of Maryland as Assistant Vice President. Abe Gottwals of this same Class is also an Assistant Vice President of The First National with offices in Salisbury, Maryland.

ROLAND W. HEIL, D.D.S. '38, of Baltimore has a general practice in Dentistry. He formerly was an Interne of USPHS Marine Hospital, Baltimore, was in Military Service with the Dental Corps receiving the rank of Major, and had his own private practice.

AARON FEDER, M.D. '38, resides at Jackson Hgts., New York, and has a private practice in Internal Medicine. He previously was Clinical Associate Professor of Medicine at Cornell. He attained the rank of Major, M.C., A.U.S. He is a Fellow of the American College of Physicians, the American College of Cardiology and the N. Y. Academy of Medicine. He is a Diplomate of the American Board of Internal Medicine. He is on the Medical Board of Bellevue and Long Island Jewish Hospitals, and consultant at the above and at Booth Memorial Hospital. He is also on the staff of the New York Hospital as well as the others listed above. He has had published numerous papers in Internal Medicine.

JOSEPH A. ELLIS, LL.B. '38, lives in Charlottesville, Virginia. He is Divisional Claim Superintendent of State Farm Mutual Auto Insurance Co.

EDWARD H. MYER, JR., D.D.S. '38, of Mahwah, New Jersey, has a general practice in Dentistry. He served with the U. S. Army and has the rank of Captain. He belongs to the Bergen County Dental Society, the New Jersey State Dental Society, the American Dental Association, The American Society of Dentistry for Children. He is a member of the Mahwah Chamber of Commerce, and the Lions Club.

AARON STEIN, M.D. '38, is living at Great Neck, L. I., New York and is a physician in private practice. He held the rank of Major, M.C., AUS. He is Associate Attending Psychiatrist, the Mt. Sinai Hospital, New York, New York and Attending Psychiatrist, Hill-

side Hospital, Glen Oaks, New York. He has had a number of papers and a chapter in a book published, all on the subject of Psychiatry and Group Psychiatry.

PAUL M. GALBREATH, Agr. '39, is a resident of College Park, Maryland, and an Associate Extension Soil Conservationist. He also has an M.S. degree from Maryland in Agr. Economics, '40, and from Maryland he also received his LL.B. '54. He received the rank of Captain with the USAF.

MRS. DORIS DEALBA SIMMONS OWEN, H.Ec. '39, resides at Glen Burnic, Maryland. She is a Nutritionist of the Anne Arundel Health Department, and was previously Kitchen Supervisor at Hutzlers, and Dietitian at the Baltimore Vocational School. She is a member of the Maryland Public Health Association, and the Alpha Delta Sorority.

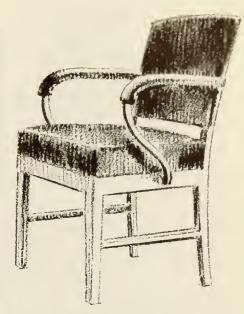
HERBERT PRESCOTT HALL, Engr. '39, of Silver Spring, Maryland, is Treasurer of The Washington Woodworking Co., Inc. Formerly he held poistions of Junior Engineer with both the District of Columbia Water Department and the U. S. Army Corps of Engineers. He held the rank of Captain in the Infantry of the U. S. Army. He is presently 3rd Vice President of the Washington Host Lions Club.

LEONARD WALLENSTEIN, M.D. '39, who lives in Baltimore, is a physician in private practice. He is a member of the American Medical Association and the American Health Association, the American Society of Internal Medicine, and a Diplomate of the American Board of Internal Medicine. He is an Attending Physician at Sinai, Lutheran and Franklin Square Hospitals. He is an Assistant in Medicine at the Johns Hopkins School of Medicine.

1940-1949

FREDERICK E. MURPHY, JR., M.D. '40, of Thomasville, Georgia, is an Orthopedic Surgeon. He holds the rank of Major with the Armed Forces. He belongs to Phi Chi and Sigma Alpha Epsilon Fraternities.

CHARLES R. PARSONS, Engr. '40, resides in Washington, D. C. He holds the position of Supervisory Construction Engineer at the U.S. Naval Research Laboratory in Washington. He formerly was a draftsman with the Pennsylvania Railroad, Chief Engineer with Paul P. Stone, Inc. and Sales Engineer with Builders Equipment Co. & Cushwa Brick & Building. He is in the Active Reserve of the U.S. N. and holds the rank of L.C.D.R., Civil Engineering Corps. He is a member of F.A.A.M., the American Legion, and several engineering societies including Society of American Military Engineers



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EUGENE L. PESSAGNO, JR., D.D.S. '40, of Baltimore, has a general practice in Dentistry, and has the rank of Major, D.C., AUS. He has been Dental Interne and Member, House Office Association of Maryland General Hospital. Has privileges at Bon Secours and St. Joseph's Hospitals. He is in general practice, and has been an Instructor of Operative Dentistry at the University of Maryland Dental School. He is a Fellow, American College of Dentists, and belongs to a number of professional societies as well as non-professional organizations. He is a Past President of the University of Maryland Alumni Association.

RALPH J. TYSER, BPA '40 and M.A. '50, lives in Washington, D. C. He is Vice President, The Glove Distributing Co. He served in the Armed Forces, reaching the rank of Major. He belongs to the Touchdown and the Terrapins Clubs.

ALVIN J. FAINBERG, Pharm. '41, resides in Washington, D. C. He is a Pharmacist. He belongs to a number of professional organizations, including the American Pharmaceutical and the Maryland Pharmaceutical Association.

LAWRENCE L. WILSON, Engr. '41, of Gladwyne, Pennsylvania, is a Manufacturer's Agent. He formerly was a Student Engineer of Westinghouse Corporation. He belongs to the American Hardware Manufacturers' Association and the Hardware Merchants and Manufacturers' Association of Philadelphia. He also belongs to the Keystoners Club and the Rotary Club.

STANLEY N. YAFFE, A&S '41 and M.D. '44 resides in Baltimore and specializes in Dermatology. He is a consultant for the Veterans Administration and the USPHS of Baltimore. He held the rank of Lieutenant in the Navy. He was a member of the Baltimore Dermatology Society.

EDWARD L. FREY, JR., M.D. '41, is a resident of Baltimore and a practicing physician. He was a Captain in the Medical Corps. Bon Secours and St. Agnes hospitals have him on their staffs.

Maurice M. Rath, Ph.D. '42, whose major was Pharmacology, lives in Short Hills, New Jersey. He received his A.B. and M.D. from Indiana University, and his M.S. from New York University. He has a private practice. He was Senior Assistant Surgeon in U. S. Public Health Service during World War II. He belongs to the American Medical Association, the American Association for Advancement of Science and the American Chemical Society. He is also a Phi Beta Kappa, and belongs to Alpha Omega Alpha. He has had papers published on the Pharmacology of Nitrites and Nitrates and Anemia in the Aged.

Joseph H. White, BPA '42, of Ter-

race Park, Ohio, is a Sales Manager for the Formica Corp. He held the rank of Lt., USNR.

EDWARD H. PRICE, A&S '42, is living in Kennett Square, Pennsylvania, and is Senior Supervisor of Research and Development with the Plastics Department of E. I. Dupont de Nemours & Co. He was a Major in the Army. The Boy Scouts will remember him as District Chairman of Chester County, Pennsylvania,

JOHN ROBERT FAMULARI, D.D.S. '43, of Brooklyn, New York, has a private practice in Dentistry. He held the rank of Lt. (sg) USNR. He belongs to Psi Omega Fraternity, the American Dental Association, and the Catholic Dental Guild

MRS. ANNA A. TICKETT, A&S '43, lives in Rockville, Maryland. She is Personnel Assistant of the Montgomery County Board of Education. Formerly she was Secretary of Vickers, Inc., and the Federal Trade Commission.

DONALD W. MINTZER, M.D. '44, of Baltimore, Maryland, is a practicing physician, and was formerly an Associate in Medicine, OPD, at University Hospital. He held the rank of Captain, USAR. He is member of many professional organizations including the American Medical Association, American Geriatrics Society, Association of American Medical Colleges. He is also a member of the Optimist Club of Hamilton, and of Sigma Nu and Nu Sigma Nu Fraternities. He is active on the staffs of St. Joseph's and University Hospitals, on the senior staff of the Church Home and Hospital, and the courtesy staff of St. Agnes Hospital.

HERBERT A. RADLER, D.D.S. '44, of Newark, New Jersey, has a private practice in Dentistry. He was a Lt. in both the Army and the Navy.

DAVID H. BARKER, M.D. '45, lives at Grosse Pointe Farms, Michigan. He is a practicing physician. The rank of Captain was his with the M.C. A.U.S. He is a member of the American Board of Radiology.

CLARENCE E. MCWILLIAMS, M.D. '46, resides in Reisterstown, Maryland, and has a general medical practice. He was a Major with the Armed Forces. He has been President of the Baltimore County Medical Association and also President of the Reisterstown Kiwanis Club.

MRS. ELSIE S. BEARD, A&S '47, lives in Baltimore and is a chemist with Medical Research National Heart Institute, Gerontology Branch. She belongs to the American Association for the Advancement of Science, and the American Chemical Society and the Society for Experimental Biology and Medicine.

EDWARD F. SMOUSE, BPA '47, of Oakland, Maryland, is Manager and Secretary-Treasurer of Smouse's, Inc. (Supermarket). He was S/Sgt. with U.S.A.A.F. Jean Smouse, H.Ec. '44, is

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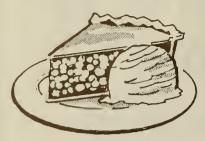
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Bernard Leung, M.D. '47, is a resident of Hasbrock Heights, New Jersey, and has a private practice in that city. He was a Captain in the Air Force.

J. ALBERT M. LETTRE, BPA '48, resides in Pikesville, Maryland. He also received his MAT degree from Johns Hopkins. He at present is a teacher of History at Baltimore City College. Formerly he was Education Advisor and Director of Army Education Center, Ft. Holabird, Maryland, and held rank of Capt. in the USAR. He holds membership in Beta Gamma Sigma and Phi Delta Kappa Fraternities; and also belongs to the Reserve Officers' Association.

SHELDON B. AKERS, JR., Engr. '48 and MA '52, lives in Syracuse, N. Y. He is a Mathematician with General Electric Co., and formerly worked at the Nat'l Bur. of Standards as an Electronic Scientist, and also as a Mathematician for Avion Div. ACF Industries. He was S1/c USNR. He is a member of the American Mat Society, IRE (Senior Member), Research Society of America, and also of Theta Chi and Pi Delta Epsilon and Omicron Delta Kappa Fraternities. He has had a number of papers published in Operations Research, Journal of SIAM, IRE Trans. on Electric Computers.

JANET L. BINGNER, Edu. '48, now lives in Dallas, Texas. She also received her Ed.D. Degree from George Washington University in 1954. She is Administrator-Dallas College (The Evening Div. of Southern Methodist University). Previously she taught at Highland Spring High School in Richmond, Virginia. She holds numerous memberships in a number of sororities, among which are Phi Kappa Phi, Pi Lambda Theta, and is Faculty Adviser to Alpha Sigma Lambda. She belongs to the Association of University Evening Colleges and the Dallas Citizens Commissions for Action on Aging. She has had an article published in the Personnel & Guidance Journal.

MRS. BOBBIE F. HOFFMAN, H.Ec. '48, of Long Beach, California, was previously a teacher at Washington Nat'l Cathedral, and also in the California Public Schools.

MILTON LOUIS ILGENFRITZ, BPA '49, is an Office Manager of the Allegheny Pepsi Cola Bottling Co. and resides in Baltimore. He was formerly Assistant Auditor of the Savings Bank of Baltimore and Treasurer for The Baltimore Stationery Co.

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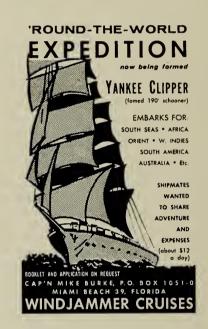
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tor of the Mechanical Engineering Division of the Atlantic Research Corporation and Assistant Branch Chief at the Naval Ordnanee Laboratory in White Oak.

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WILBERT H. McElvain, M.D. '50, is a Lt. Colonel in the U.S. Air Force, stationed at the Office of the Surgeon General, Air Crew Standards, Washington, D. C. He is a member of the American Medical Association, Aerospace Medical Association, Association of U.S. Air Forec Flight Surgeons, a Diplomate of the American Board of Preventive Medicine in Aviation Medicinc, and a member of the Flying Physicians' Association,

CORILDA C. KEYSER, H.Ee. '50, is a Home Economics teacher at Eastern Junior High School in Silver Spring, Maryland.

HERBERT J. LANGENFELDER, A&S '50, lives in Frederick, Maryland, and is a Packaging Engineer for Container Corporation of America. Formerly, he was Assistant Manager for Oliver's Store for Men and a Laboratory Technieian at Baltimore City Hospital.

Mrs. Lorraine T. Lysack Olmedo, Nurs. '51, Educ. '55, was formerly a Supervisor at a Premature Nursery, an Instructor in Medical and Surgical Nursing at the University of Maryland School of Nursing and the Boston University School of Nursing, and a parttime general duty nurse in Boston. She is presently a housewife and lives in Baltimore, Maryland.

DR. ROBERT D. WEEKLEY, M.D. '51, lives in Parma, Ohio, where he is a practicing physician (Ophthalmology). Dr. Weekley is a member of the American Medical Association and the Ohio Medical Association, Academy of Medieine, Alpha Omega Alpha and is an Assistant Clinical Professor of Ophthalmology at Western Reserve University School of Medicine.

Frederick W. Nesline, Jr., Engr. '51, received his M.Engr. degree and his Ph.D. degree in Electrical Engineering from Yale University. He is at present Manager of the Analytical Research Department, Missile and Space Division, of the Raytheon Company, Bedford, Massachusetts. Mr. Nesline is author of numerous technical papers which have been published. He lives in Lexington, Massachusetts.

CHARLES J. NIZOLEK, BPA '51 of Norwalk, Connecticut, is Secretary-Treasurer of Bolt Associates, Inc. He formerly was Manager in the Administration Department of Olivetti Research

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MR. AND MRS. MONROE E. FRA-LEIGH, Agr. '52, Nurs. '53, are making their home in Mays Landing, New Jersey. Mr. Fraleigh is Farm Management Supervisor, U. S. Department of Agriculture, and County Supervisor of Farmers Home Administration. He had previously served as Assistant Secretary-Treasurer of the Production Credit Association, as a Quarantine Enforcement Inspector, U.S.D.A., and a Dairy Farmer, Mrs. Fraleigh is the former Dorothea Fenwick.

SAUL S. SELTZER, Engr. '52, is Director of Engineering for Towers Marts International, Inc., New York, and makes his home in Union, New Jersey. He was formerly Structural Engineer for Knoerle, Graef, Bender & Associates, Inc., Baltimore, and Bridge Engineer for Baltimore County Department of Public Works, Towson, Maryland. Mr. Seltzer is a Registered Professional Engineer in New York State and is a member of the American Society of Civil Engineers, National Society of Professional Engineers, and the Society of American Military Engineers.

MELVIN EDWARD WIENER, BPA '52, is living in Richmond, Virginia, and is a Digital Computer Programmer-Systems Analyst. His former positions included insurance sales agent and de-

partment store manager.

ELEANOR LOUISE EMCH, H.Ec. '53, is a Dietitian and Instructor in Nutrition at the D. C. General Hospital, and is a member of the American Dietetic Association, Home Economics Association and Museum of Natural History. She was formerly Assistant Chief Dietitian at Episcopal Hospital and Chief Dietitian at Sibley Memorial Hospital. She lives in Silver Spring, Maryland.

DR. GEORGE CHARLES PECK, M.D. '53, is a Diplomate in Plastic and Reconstructive Surgery and lives in Passaic, New Jersey. Dr. Peck is a member of the New Jersey Medical Society, American Society of Plastic Surgery, Bergen County Medical Society, and has published a number of articles on various phases of cancer research. He has also presented papers before the American College of Surgeons and the American Association of Anatomists.

CAPT. AND MRS. SHELDON H. SLATER, A&S '53, Educ. '56, are living in Chiengmai, Thailand where Capt. Slater is a teacher with the U.S. Air Force. He previously was a teacher with the Air Force in Denver, Colorado. Mrs. Slater is the former Anne L. Bengel.

Anton Grobani, A&S '54, d.d.s. '58, is a practicing dentist and lives in Silver Spring, Maryland. He is a member of Southern Maryland Dental Society, Maimonedes Dental Society, Alpha Omega Dental Fraternity and Phi Sigma Delta Fraternity.



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ALBERT H. KUMBAR, BPA '54, lives in Mt. Rainier, Maryland, and is a Quality Control Analyst.

DR. AND MRS. LEONARD J. MORSE, M.D. '55, A&S '58, are residing in Woreester, Massachusetts where Dr. Morse is a practicing physician. He had served two years as a Captain in the Medical Corps of the U. S. Army.

LEONARD ARNOLD SIEMS, A&S '55, is Vice President of Free State Equipment Co., Inc. and lives in Baltimore, Maryland. He is a member of the Exchange Club of Towson and Kappa Alpha Fraternity.

GEORGIA H. BROWN, Nurs. '55, M.S. '57, is a Supervisor of Dix Pavilian, St. Elizabeth's Hospital and lives in East Riverdale, Maryland. She was formerly Supervisor of the University of Maryland Psychiatric Institute, and is a member of the University of Maryland Alumni Association and Nurse's Alumnae Association, and Sigma Theta Tau Sorority.

Dr. John A. Engers, Jr., M.D. '55, is in private practice in Baltimore, Maryland, specializing in obstetries and gynecology.

STUART LA KIND, D.D.S. '56, is a praeticing dentist and resides in Succasunna, New Jersey. He is treasurer of the Gorgas Odontological Society and Vice President-Secretary of Alpha Omega Fraternity.

MR. AND MRS. LAURENCE I. ADY, A&S '56, Edue. '58, live in Orlando, Florida, where both are elementary sehool teachers. Both are doing graduate work at Rollins College and are members of the Florida Education Association, Florida Peace Officers Association and University of Maryland Alumni Association. Mrs. Ady is the former Naneye Lee Hager.

HAROLD ARAM SAKAYAN, BPA '57, is an attorney in private praetice in Washington, D. C. He received his LL.B. degree from George Washington University. He previously served two years in the U. S. Army and was an attorney for the Federal Trade Commission. He is a member of the Antitrust Section, American Bar Association.

JOHN J. SHARER, A&S '57, is an Electronies Engineer and is living in Silver Spring, Maryland. He is a member of the American Physical Society.

ROBERT F. SLADEK, SR., Mil. Sei. '57, is a Staff Administrator and retired Colonel in the U. S. Air Foree. Mr. Sladek makes his home in Washington,

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GEORGIA C. CLAXTON McGRAW, P.E. '57, of Suitland, Maryland is a Physical Education teacher in Junior High School.

MRS. SHEILA SILVERMAN SCHMIDT, Educ. '57, is a teacher and is living in Miami, Florida.

DR. JAMES GRANT STRINGHAM, M.D. '57, of Salt Lake City, Utah, is a practicing pediatrician. He is a member of the Salt Lake County Medical Society, Utah State Medical Society, and the American Medical Association.

FRANK TROTTO, JR., D.D.S. '58, lives in Washington, D. C. and is a practicing dentist. He served in the Armed Services two years and is presently a member of the American Dental Association, Maryland State Dental Association, Southern Maryland Dental Society, Sphinx, Psi Omega and Alpha Phi Delta Fraternities and Junior Chamber of Commerce.

STEPHEN JAY SAKS, BPA '58, is a Supervisor of general ledger and reporting departments at Mt. Sinai Hospital in New York City. He is Certified Public Accountant, a member of the Maryland Association of C.P.A.'s and a candidate for a Ph.D. degree in Economics at City College of New York. He was formerly employed as a Junior Accountant at Haskins & Sells, and as Assistant Controller, Office Manager and Cost Accountant at Consultants Bureau Enterprises, technical publishers.

LEONARD STANLEY SCHNEIDER, D.D.S. '58, lives in Baltimore, and is a practicing dentist. He is a member of the Baltimore City Dental Society, Baltimore County Dental Association, Optimist Club and Alpha Omega Fraternity.

RITA D. SOLOW, Nurs. Educ. '58, is an Instructor at Lutheran Hospital School of Nursing in Baltimore, Maryland. She was formerly Instructor at Franklin Square Hospital School of Nursing and Head Nurse at Sinai Hospital. Miss Solow is President of the Nurse's Alumnae Association at Sinai Hospital, Secretary of the B.A.C.T. Section of Maryland Nurses' Association and a member of Maryland and National League for Nursing, Maryland Nurses' Association and Adult Education Committee of the Baltimore Hebrew Congregation, and Delta Phi Epsilon Sorority.

HAROLD C. GREEN, Agr. '58, is employed in the research and development department of Yoder Brothers of Florida, Inc., Ft. Myers, Florida.

ALAN SHERMAN, Pharmacy '58, lives in Silver Spring, Maryland, and is Pharmacy Manager for Giant Food, Inc. He is a member of Alpha Zeta Omega Pharmaceutical Fraternity.

HAROLD M. ZOSLOW, BPA '59, is Public Relations Counsel in Washington, D. C. He spent three years in the

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EMERSON NIEL CAREY, M.Ed. '59, lives in Catonsville, Maryland, and is a Guidance Counselor for the Baltimore County Board of Education. He previously served four years in the Armed Forces and was a teacher for the Baltimore County Board of Education. He is a member of NEA, MSTA, and American Personnel and Guidance Association.

MELVIN J. DEALE, Engr. '59, received his M.S. degree in Civil Engineering from Stanford University in 1962. He is an Assistant Area Engineer for the Bureau of Public Roads, and lives in Richmond, Virginia. He is an Associate Member of the American Society of Civil Engineers and a Junior Member of Maryland Society of Professional Engineers.

JACQUELINE LUANNE EADS, H.Ec. '59, is a teacher of eighth grade general science and ninth grade journalism and a sponsor of a Student Council and school newspaper. Miss Eads lives in Miami, Florida and is a member of the P.T.A., Florida Education Association, and National Science Teachers' Association.

EDWARD BROSNAN BURLAS, P.E. '59, is presently a Physical Education teacher. He had previously been a Driver Training Instructor and Pool Association Manager and is a member of Phi Alpha Epsilon, MSTA, and NEA. He lives in Kensington, Maryland.

#### THE SIXTIES

JOSEPH N. LEWIS, III, BPA '60, is an Automobile Insurance Underwriter for the Aetna Casualty & Security Company. He lives in Washington, D. C. and is a member of Sigma Phi Epsilon Fraternity.

WILLIAM J. MAREK, A&S '60, is a student at the University of Maryland School of Medicine in Baltimore. He was formerly a Federal Agent with the U. S. Food and Drug Administration.

DONALD L. PRICE, Engr. '60, lives in Philadelphia, Pennsylvania, and is a Sales Representative for I.B.M. Mr. Price formerly held the position of Instrument Engineer for the DuPont Corporation. He is Treasurer of Phi Delta Theta Fraternity and House Manager of Phi Delta Theta Fraternity.

JON WILLIMAN PETERSEN, Engr. '60, is a Parts Test Engineer and lives in Laurel, Maryland.

CAPTAIN JOAN R. POWERS, Nurs. '60, is Supervisor of an Outpatient Clinic at the 389th U.S.A.F. Hospital at Warren



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Air Force Base, Wyoming. Captain Powers was formerly Supervisor of the Surgical Ward at Ellsworth Air Force Base, South Dakota and of the Surgical Ward at Wimpole Park Air Force Base, England, and a Medical Training Officer at Westover Air Force Base, Massachusetts.

BILLIE G. MEESE, D.Educ. '61, resides in Laurel, Maryland, and is Superintendent of Schools, Children's Center, Laurel.

ERNEST HENRY BOSSARD, M.Agr. '61, is a Research Assistant in the Poultry Department at the University of Maryland and is a member of the D. C. Section of Experimental Biology and Medicine.

PAUL J. ZALUBAS, Engr. '61, of College Park, Maryland, is an Aerospace Engineer. Mr. Zalubas is a member of the American Rocket Society and an associate member of the Institute of Aerospace Sciences.

CLIFFORD L. SAYRE, JR., PH.D. Engr. '61, resides in Silver Spring, Maryland, and is an Associate Professor of Mechanical Engineering at the University of Maryland.

DAVID A. LINGRELL, Engr. '61, is a Construction Engineer for General Services Administration. Mr. Lingrell resides in Hyattsville, Maryland, and is an associate member of the American Society of Civil Engineers.

JOHN RICHARD ENGBERG, A&S '61, is a Government Analyst and makes his home in Adelphi, Maryland.

DR. HENRY LAWRENCE MERRING, M.D. '62, received his M.S. degree in Microbiology in 1957 from George Washington University and is at present an interne at D. C. General Hospital, Washington, D. C. Dr. Merring is a member of the American Medical Association, Phi Beta Pi Medical Fraternity and the American Guild of Organists.

Col. Gerhart O. Romstedt, U.C. '62, has served with the U. S. Army since February, 1943, and is presently stationed with the Chief Requirements Division, office of the Deputy Chief of Staff for Logistics with headquarters in Washington, D. C.

JOAN LEE MEREDITH, Nurs. '62, is a Psychiatric Nurse at University Hospital in Baltimore, Maryland.

NANCY A. LOWETH, A&S '62, lives in Clinton, Maryland, and is a Mathematician with the Defense Department.

FREDERICK K. GULCK, Educ. '62, makes his home in Baltimore. He is a Management Trainee for Bethlehem Steel Company.

Sol Rosenstein, Pharm. '62, is living in Baltimore and is a pharmacist. He is a member of the American Pharmaceutical Association, Baltimore Metropolitan Pharmaceutical Association, Maryland Pharmaceutical Association and Alumni Association of the University of Maryland School of Pharmacy.

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Date	Opponent	Time
HOME GAMES		
September 21	N. C. STATE (Band Day)	2:00 p.m.
October 12	NORTH CAROLINA	2:00 p.m.
October 19	AIR FORCE (Parents Day)	2:00 p.m.
November 2	PENN STATE (Homecoming)	1:30 p.m.
November 23	VIRGINIA	1:30 p.m.
AWAY GAMES		
September 28	SOUTH CAROLINA Columbia, S. C.	8:00 p.m.
October 5	DUKE Richmond, Va.	12:00 Noon
October 26	WAKE FOREST Winston-Salem, N. C.	2:00 p.m.
November 9	NAVY Annapolis, Md.	1:30 p.m.
November 16	CLEMSON Clemson, S. C.	2:00 p.m.

# Ticket Information

RESERVED SEATS: \$4.00. SEASON, All Home Games, 1963: \$20.00.

WRITE: University of Maryland, Ticket Office, Box 295, College Park, Md.

CALL: WArfield 7-2807.

After September 1, 1963, tickets will be on sale at the following locations:

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BALTIMORE, MD.

Numni Publication of the University of Maryland

# Maryland



Volume XXXV Number Five • September-October 1963

- Views from the Pacific Sketchbook of Mitchell Jamieson
- South of Baltimore Campus to be Established



"For Courage and Devotion"

Telephone men and women fulfill a long tradition



Kenneth E. Ferguson, Installer-Repairman, Newport News, Virginia. En route to a repair job, he came upon a burning house where a blind, bedridden woman lay helpless. Ripping out a window, he and a policeman entered the flaming room. They were forced out by intense heat and smoke. Mr. Ferguson ran to a nearby house for blankets. Wrapped in wet blankets, the two men re-entered and rescued the woman.



Mrs. Dorothy Crozier, Operator, San Rafael, California. She took a call from a frantic mother whose small son had stopped breathing. After notifying both ambulance and fire department, Mrs. Crozier realized that traffic was heavy and time short. Over the telephone, she taught the mother mouth-to-mouth resuscitation. The boy was breathing when firemen arrived. Doctors credit his life to her alertness.



Charles J. Gilman, Communications Serviceman, Bellwood, Illinois. Driving to an assignment, he saw an overturned car and found a man under it bleeding profusely. Cautioning bystanders not to smoke, he helped remove the victim. The man's arm was almost severed below the shoulder and he seemed in shock. Mr. Gilman applied a tourniquet and kept pressure on it until an ambulance arrived.

here, Mr. Watson, I want you!"

Ever since that fateful evening in 1876, telephone people have been responding to calls for help-and training to supply it.

A tradition of service-a knowledge of first aid-an instinct to help-these keep operators at their posts in fire or flood-send linemen out to battle blizzards or hurricanesand save lives many times in many ways.

Over the years, the Bell System has awarded 1.896 medals to employees for courage, initiative and accomplishment-for being good neighbors both on the job and off it. Here are some recent winners:



Leonard C. Jones, Supplies Serviceman, Morgantown, West Virginia. He noticed a neighboring house on fire. Rushing to it, he helped a father rescue three young children. Then he plunged back into the burning building and, guided only by cries through the choking smoke, found and saved another child who was hiding under a couch in the blazing living room. Minutes after he left, the wooden house collapsed.



Franklin Daniel Gurtner, Station Installer, Auburn, Washington, He heard a request for emergency breathing equipment on his radio monitor and hurried to the address, where a baby was strangling. He found the child's air passage was blocked, cleared it, and successfully administered mouth-to-mouth resuscitation. Then the fire department arrived and applied oxygen to help overcome shock.



BELL TELEPHONE SYSTEM

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# the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXV

Number 5



THE COVER: In the memory of many of the faculty and staff, the changing of the season from Summer to Autumn had never been as brilliant as it was this year. After a long unseasonal drought and summer temperatures, the Maryland countryside colored yellow and red. At the peak of the splendor, Maryland played its fifth football game and won its first victory, 21-14, over the Air Force. A record number of students were enrolled: 19,000 at College Park; 1,800 in Baltimore. At College Park, the foundations for the giant Adult Education Center were completed; in Baltimore, more buildings crumbled under the wrecker's bar to make way for a greatly enlarged and more efficient center. The Regents, in a meeting in October, decided on a site south of Baltimore for the establishment of a new Baltimore Campus. A new color-sound motion picturing the life and mission of the University was made available for group showings. An auspicious start for the 1963-64 academic year.

- 2 The Pacific Sketchbook of Mitchell Jamieson
- 8 University to Establish Campus South of Baltimore
- 10 Through the Years

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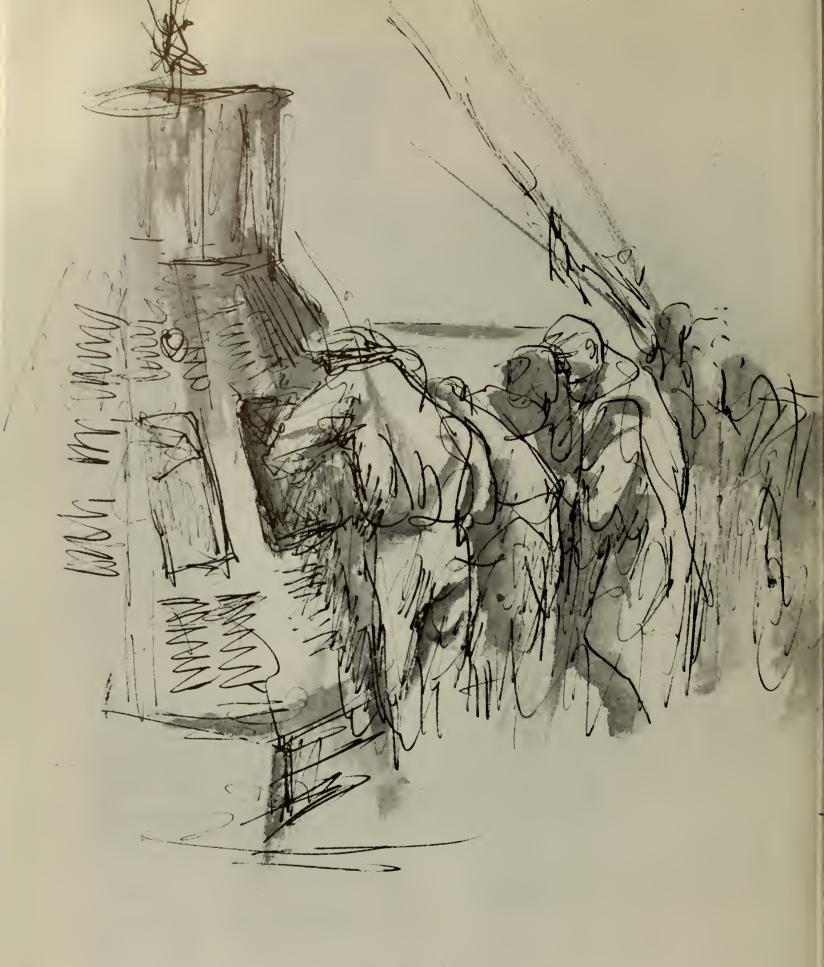
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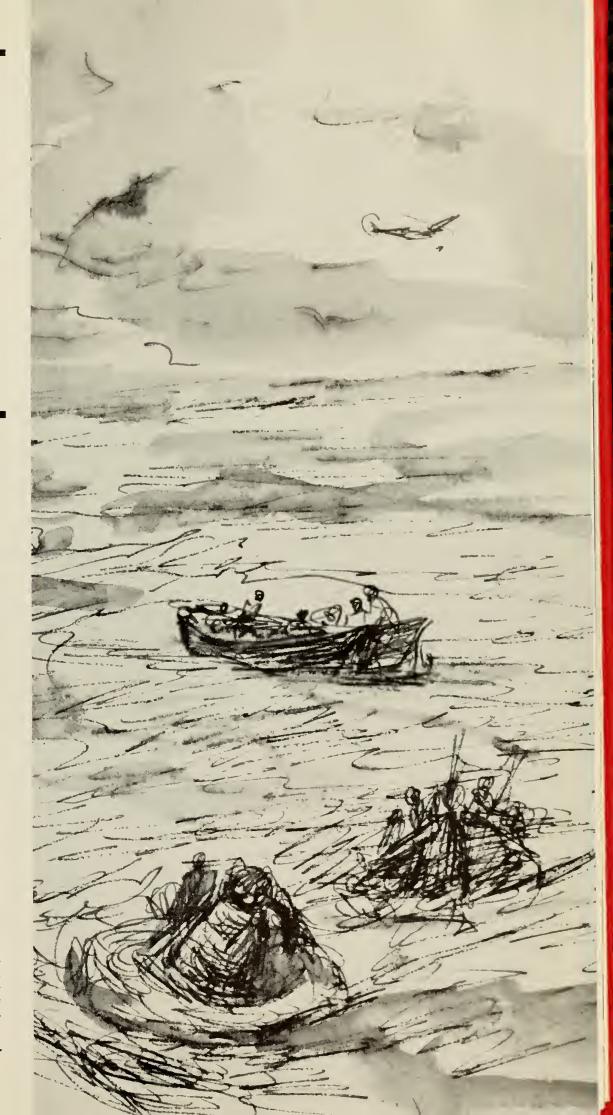
Dr Uth, Dr Pollard and John Grahan with authornal after Hatch blown den by Goo,

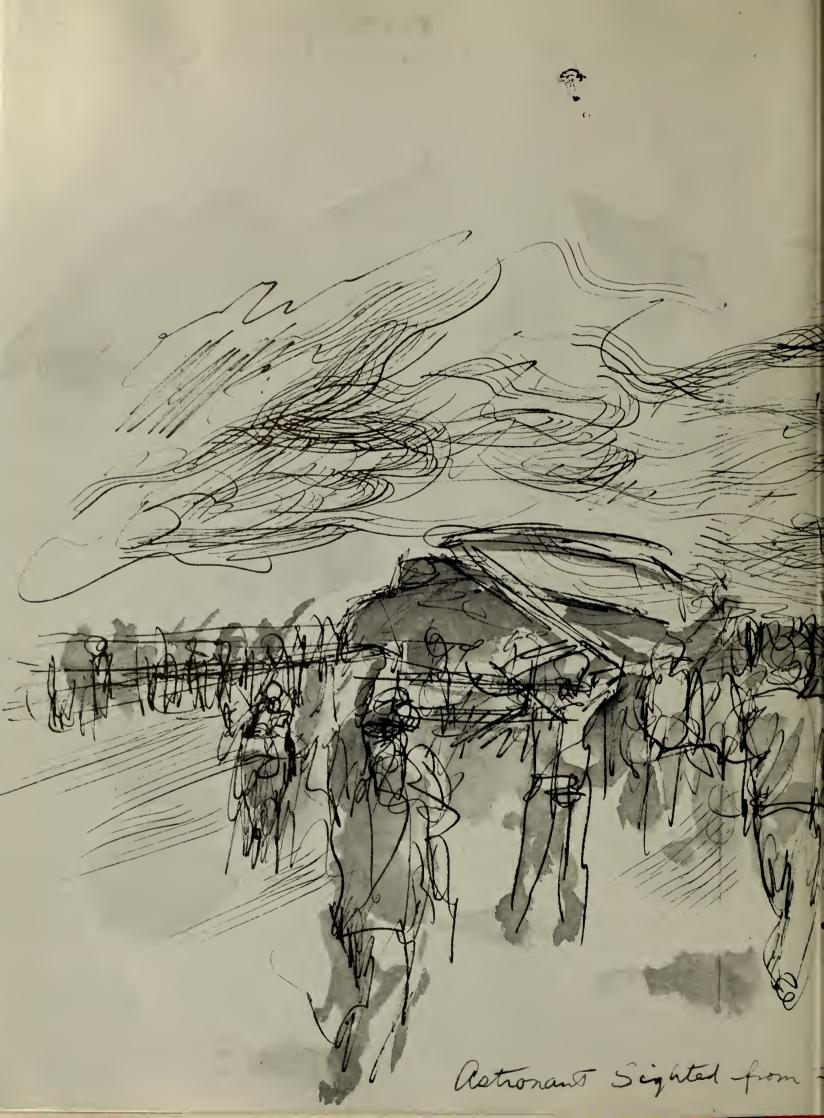
# Views from the Pacific Sketchbook of Mitchell Jamieson

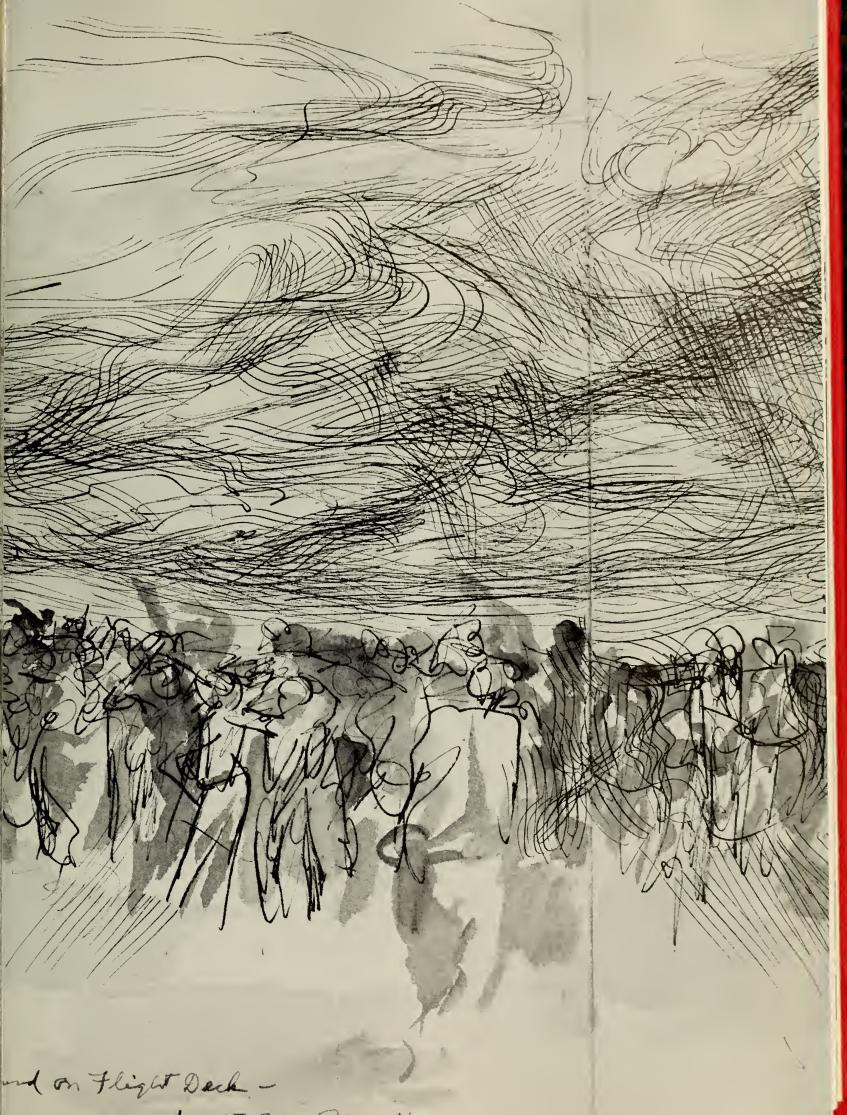
recording the recovery of Astronaut Gordon Cooper May 16, 1963

LEFT: This illustration was drawn a moment after Cooper blew the hatch, after receiving the signal to do so from the NASA Recovery Team. Dr. Pollard, M.D., and John Graham, leader of the team, quickly move to receive Cooper. Dr. Pollard is already taking the Astronaut's blood pressure. Jamieson drew the solid black lines in ink at the time of recording; the light gray areas were wash applied a few hours later.

RIGHT: After landing in the Pacific, the Captain of the U.S.S. Kearsage congratulated Cooper for his onthe-mark landing (target was a three mile radius around the ship). Cooper replied, "Sorry I missed the third elevator." The "elevator" was a lifting device which hoisted the capsule from the sea. In this illustration, the capsule is being moved to the carrier by a whale-boat. An inflated collar keeps the capsule afloat and a frogman is sitting on it.







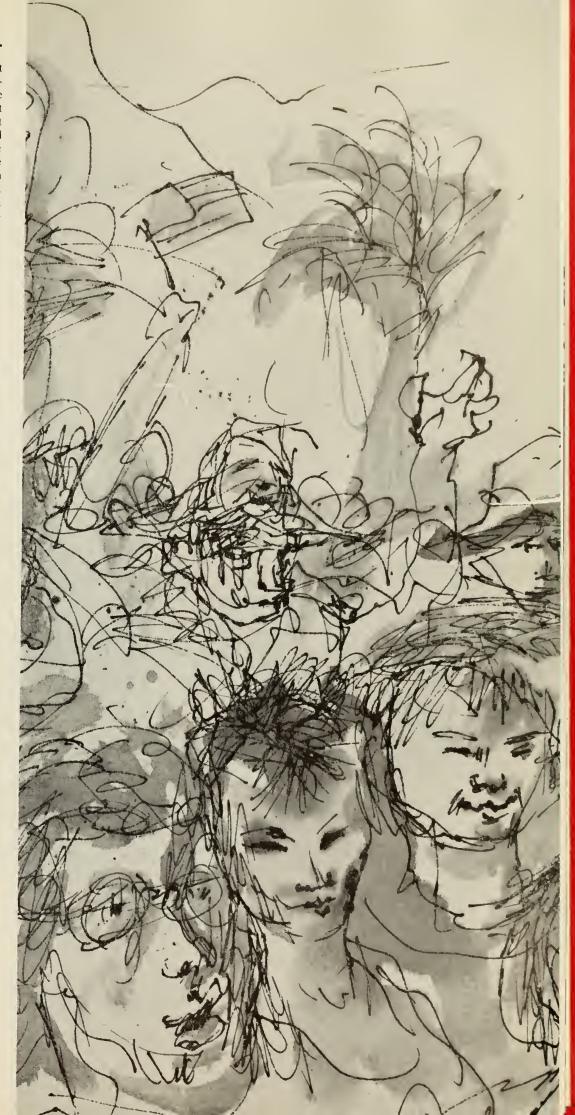


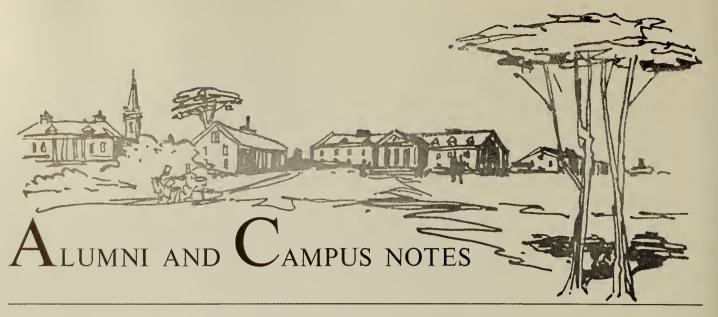
The dramatic moment of the first sighting is pictured on the preceding two pages. This is the scene from forward on the carrier flight deck. The sky was slightly overcast with patches of brilliant sun and the sea under it was a deep Pacific blue, rolling with white caps. The watchers knew that somewhere in the void Cooper was coming down. It was quict, expectant. Then a sonic boom riddled the air-complete silcnce-then a single shout and an up-raised arm pointing to the capsule, buoyed by a parachute, returning to the Earth. Crew, marines, correspondents rushed forward toward the descending Cooper.

LEFT: Now Cooper has been successfully recovered from his orbital flight. He talks on the telephone to the President and the Secretary of Defense. He takes off his flight suit, remarking, "I feel like a snake shedding its skin." Then he goes into Sick Bay for an intensive three-quarter hour medical examination. Cooper's responses to the physician's questions are recorded by the Corpsman, pictured to the right.

RIGHT: The mood changes abruptly. The team from Washington has taken over from the scientific recovery team. Honolulu: a bright, sunny day; around the city green peaks are capped with mist; Cooper passes in triumph down the main thoroughfare lined with a variegated, cheering throng. From Cape Canaveral to the Governor's Palace, the American Icarus has returned from the void.

MR. JAMIESON is an assistant professor in the Department of Fine Arts and an artist of international reputation. His paintings and drawings have been acquired by leading museums and by private collectors of importance. Last May, Mr. Jamieson was invited by the National Aeronautics and Space Administration to record the recovery from orbital flight of Major Gordon Cooper. From decks and wardrooms of the aircraft carrier, the U.S.S. Kearsage, Mr. Jamieson made a unique record of the historic event. From his four volumes of folding scrolls, a few have been selected for reproduction here, as representing the reality and the mystery of the epochal recovery.





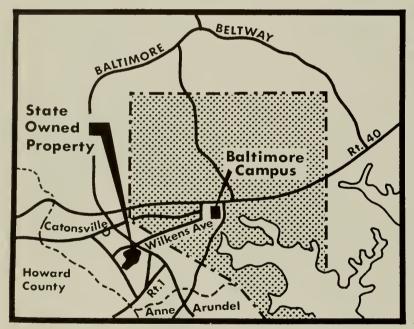
#### UNIVERSITY CALENDAR OF ACTIVITIES

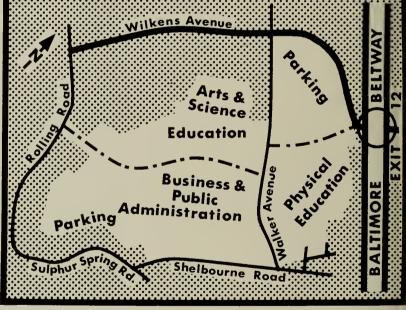
#### **NOVEMBER**

- 2 Football, Penn State (Homecoming), Home
- 7, 8, 9 University Theater's Production, "Music Man"
  - Football, Navy, Away
  - Football, Clemson, Away
  - U. of M. Symphony Orchestra Concert
- Football, Virginia, Home
- 26 U. of M. Choir Oratorial
- 28 Thanksgiving Recess Begins

#### **DECEMBER**

- Thanksgiving Recess Ends
- 2 Basketball, Virginia, Home 10, 11, 12, 13, 14 & 15 University Theater's Production, "Six
- Characters in Search of an Author"
- 14 Basketball, West Virginia, Home
- "The Messiah", U. of M. Men's Glee Club and Women's Chorus
- Basketball, Clemson, Home
- Christmas Concert





# University to Establish Campus South of Baltimore

THE BOARD OF REGENTS ADOPTED on October 14 a recommendation of its Branch Campus Committee to establish a campus on a 425-acre site now owned by the State, bordering on the Baltimore Beltway at Wilkens Avenue, Rolling Road and Shelbourne

At the same time, the Board went on record as approving the request for funds to acquire a 15-acre single plot near the center of the site and 17 additional distributed acres located in the same general area bordering on Wilkens Avenue, "considered essential to proper development of the campus."

Seven reasons were cited for the selection of the Wilkens Avenue campus. These included:

- "the site is immediately adjacent to the Beltway, which is a major transportation link serving the entire Baltimore Metropolitan area,
  - · the location can be related to the

existing campus at College Park and the professional school campus in Baltimore City in a manner that will promote efficient use of the total resources of the university in its development and operation,

- the site contains approximately 425 acres, an area adequate for the long-time development of the campus.
- basic utilities are available and can be extended at moderate cost.
  - · present State ownership of the land

insures immediate availability of the site for planning to move ahead without delay and with a higher degree of certainty than could be associated with land under option,

• present State ownership and the availability of the land for re-assignment of use makes possible the initiation of this project with a minimum outlay of general construction loan funds for land purchase, and

• this site is complementary of the location of the existing public and private four-year institutions of higher learning when viewed from the standpoint of serving the entire Baltimore Metropolitan Area."

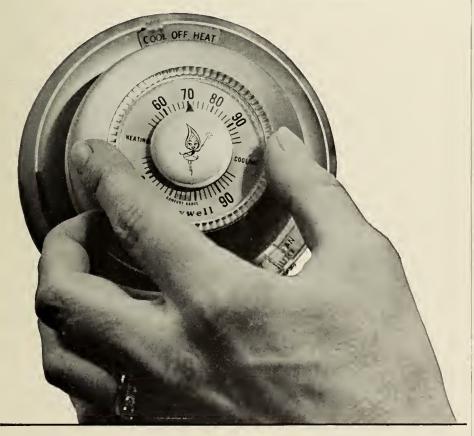
In recommending the Wilkens Avenue site to the Board, the committee ealled attention to a recent summary prepared under Board Vice Chairman Edward F. Holter, who is head of the special committee to study the feasibility of establishing branches of the

University. The survey describes the various aspects of establishing a branch campus of the University covering a period of 12 years and as a topic of 52 meetings.

"During this time the enrollment at College Park has increased from 8,564 students to the current enrollment of 18,943. This growth has been more rapid than we projected. By 1966 the College Park eampus will be overerowded. In order to accommodate qualified students who will apply for admission to the university, a eampus in the Baltimore area is necessary. The time has come to act," the committee directed.

Mr. Richard W. Case, Baltimore attorney, is Chairman of the special sub-committee which recommended the Wilkens Avenue location today at the special meeting of the Board of Regents.

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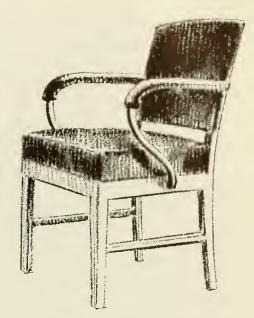


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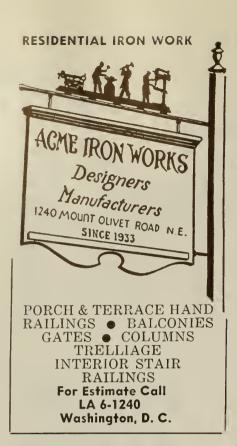
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# Through The Years

1895-1919

THOMAS NORRIS COPENHAVER, LL.B. '97, was the oldest living member of the Baltimore Bar Association. He died July 10, 1963. He was a partner in the law firm of Hinkley and Singley. He and Mrs. Copenhaver were the oldest living charter members of Wilson Memorial Methodist Church where Mr. Copenhaver has served in many official capacities for 47 years.

J. Francis Dammann, Ll.B. '03, of Chicago, Illinois, died on February 12, 1963.

DR. F. W. GETTIER, D.D.S. '04, of Baltimore practiced in his profession until last May when he retired at the age of 81. For the last 30 years he specialized in the field of prosthetics.

specialized in the field of prosthetics.

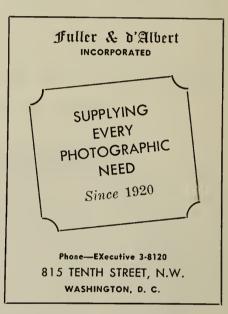
STUART B. SHAW, Agr. '04, was pomologist in the Maryland extension service from 1915 to 1944. During this time he served the State as secretary of the horticultural society, chief of the Department of Marketing and president of the National Association of State Marketing Officials. He was a master Mason, charter member of the College Park Rotary Club, senior warden of St. Andrews Church, and for ten years was treasurer of College Park, and until recently was also treasurer of the city's fire department. He also belonged to Epsilon Sigma Phi and Kappa Alpha fraternities.

DR. J. LEROY WRIGHT, M.D. '08, former warden of the Maryland House of Correction, died September 10, 1963 at the age of 77. After receiving his M.D. he began teaching anatomy at the University of Maryland School of Dentistry and remained there until appointed resident physician at the Maryland Training School for Boys at Loch Raven. During this residency, he also served as medical consultant at the Maryland House of Correction at Jessup, and was appointed in 1939. He served in this capacity until 1951. In 1951 he was appointed as superintendent of Bonnie Blink, the home for Maryland Masons. He was also a member of Boumi Temple and was a 32d degree Mason.

DR. CHARLES F. STROSNIDER, M.D. '09, of Goldsboro, was elected as an honorary life member in the Alumni Association in 1959, after practicing medicine for 50 years. He is still active in his profession, working every day.

ELVA LYDIA DEAN, Nurs. '13, of





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Elkton, Maryland, died suddenly at her home on July 16, 1963.

#### 1920-1929

BRIG. GEN. EDWARD B. MCKINLEY, U.S.A. RET., Agr. '20 of Nicholasville, Kentucky passed away on July 15, 1963.

E. CALVIN DONALDSON, A&S '21, former city councilman of Laurel, Maryland died on June 14, 1963, After graduation, he joined the Chemistry Department of the University of Maryland and remained there until 1951, when he retired from the position of inspector in the State Inspection Service at the University. He was a mcmber of Alpha Chi Sigma, professional Chemical Fraternity, Phi Delta Theta and Phi Chi Alpha. He served as Master of the Laurel Wreath Lodge #149, A.F. & A.M. in 1927 and again in 1937. He also served as Past Patron of Laurel Chapter No. 75, Order of the Eastern Star. He was very active in the first Methodist Church of Laurel.

DR. BRUCE BARNES, M.D. '21 is practicing medicine in Seaford, Delawarc.

MRS. BERTHA E. TOPKIS, Agr. '22, is a housewife, and also a part time insurance agent. Previously, she held a position of examiner at the U. S. Civil Service Commission for 15 years. Besides her education at the University of Maryland, she also attended George Washington University for two semesters and the Department of Agriculture Graduate School for two semesters. She is extremely active in the American Legion Auxiliary Program, having held many positions of responsibility.

WILLIAM B. BELT, Engr. '23, is currently manager of the Technical Department of Moeganite, Inc. Previously he worked with the General Electric Company as service engineer. He served during the First World War as a Private from 1918-1919. He was chairman of Technical Committee of Carbon Section of National Electrical Manufacturers Association for two years. His article "Practical Aspects of Brush Contact Stability" was published in the American Institute Electrical Engineer Paper 54-89.

JOHN J. FITZPATRICK, LL.B. '24 also took graduate study in Law at Georgetown University, 1925-1926. He is a vice president of the New York Chicago & St. Louis R.R., with offices in Cleveland, Ohio. Previously he held positions as assistant general attorney of the B&ORR, general attorney, C&ORR, and chairman of the Traffic Education Association of Eastern Railroads. He belongs to the Union League, Chicago and Duquesne Clubs.

PHILLIP HELLER SACHS, LL.B. '28 has been re-elected chairman for the coming year of the Metropolitan Transit Authority, which regulates all mass transit in the Baltimore metropolitan



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#### 1930-1939

DR. LOUIS ROBERT SCHOOMAN, M.D. '30 of Frederick, Maryland is in the private practice of medicine. He holds the rank of Lt. (M.C.) USNR.

DR. PERCIVAL SPITZEN, D.D.s. resides in Elizabeth, New Jersey and has a private practice there. He is a Mason, and a member of the Elks.

DR. HENRY WIGDERSON, M.D. '31 is currently practicing medicine in Jamaica, New York.

PAUL M. AMBROSE, A&S '31, also received his M.S. from the University of Maryland in 1932. He is presently with the U. S. Bureau of Mines as a physical scientist. Previously he served the Bureau as a Metallurgist and as a physical science administrator. He is a member of Lambda Chi Alpha, Alpha Chi Sigma, The American Chemical Society, Sigma Xi and the Rotary Club of College Park. He has had numerous papers published in metallurgical publications.

ALEXANDER GORDON, III, LL.B. '34, died suddenly on July 11, 1963. He was a native of Baltimore, graduated from Yale University in 1931. He was with the firm of Armstrong, Machen, Allen & Eney until 1944, when he became trust officer for the Maryland Trust Company, and was vice president of that company from 1953 until 1958. From 1958-1961 he was vice president in charge of the Trust Department of that firm, when he retired. He was executive director of the Maryland State Bar Association. He was active in many philanthropic and social organizations, and performed many important duties for the Church of the Good Shepherd in Ruxton.

DR. GEORGE E. DORMAN, M.D. '34 is in private practice at Emporium, Pennsylvania. He is a member of the Coroner Cameron Co. and past president of the Andrew Kaul Memorial Staff.

Andrew Lawrie, Esq., A&S '34 with two years at the University of Maryland, he has an LL.B. '38 from the Rutgers University. He is a practicing lawyer. He formerly was a member of the city council, East Orange, New Jersey, and former chairman of New Jersey State Bar Association Committee on Insurance Law.

ROLAND A. LINGER, Engr. '34, also holds an LL.B. from Georgetown University. He is at present a patent attorney with RCA, and manager of the Washington office, and has been with the same firm since 1935. He is a member of the Masons and the Eastern Star. He is also a Scoutmaster.

MARY FRANCES NICHOL, A&S '34, formerly held a position of laboratory technician, and is at present a house-wife.

CHARLES H. BURRY, Engr. '34 is assistant to the president of General Precision, Inc. He has held a number of

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other positions with Olin Mathieson, Bendix Avio Corp., and The Coca Cola Co. He also attended Georgetown University where he studied law for one year, and New York University where he studied business for one year.

#### 1940-1949

BETTY HOTTEL SMITH (Mrs. John Philip Smith, Jr.) '40, now a homemaker, was previously employed in substitute teaching and the American Red Cross. She holds memberships on the Board of Lady Managers, Alexandria Hospital; Northern Virginia Alumnac Association. She is President of the Parent-Faculty Association of St. Margaret's School. She is also a member of KKG Sorority, the Belle Haven Women's Club, and the Garden Club of Belle Haven.

RALPH J. ALBARANO, Educ. '40, now lives in Duncanville, Pennsylvania. He is in business as a general contractor, and was previously a school teacher. He was in the armed services from 1940-47, and was a Lt. Col. He has held the postion of commander of the

LAWRENCE W. AUERBACH, A&S '40 of Roslyn, New York is vice president of Auerbach Bath Robe Corp., president of John Richard Sales Corp. and chairman of the Board of Sebor, Inc. He was a Staff Sgt. with Military Intelligence & Interpolation from 1943-1946. He has held membership on the board of directors of the Convalescent Home of N. Y., Inc., past president of the Civic Association, and Pines Club. He is also a member of Tau Epsilon Pxiundergrad.

DR. DANIEL C. BARKER, M.D. '40 of Fairfield, Connecticut is a physician in private practice. He holds membership in the American Medical Association, the American Academy of General Practice, the Connecticut State Medical Society and the Connecticut Academy of General Practice.

SAM HARRIS, BPA '40 of Baltimore, is a partner of Harris & Katz. He was formerly manager of Scherlis & Katz Fish Co. He is on the board of directors of the ZOA, the Beth El Men's Club and Silver Birch S.C.

Daniel Swern, Ph.D. '40, a native of New York City, received his BS degree from the College of the City of N.Y. in 1935 at the age of 19; his M.A. degree from Columbia University in 1936. He is a Phi Beta Kappa and a member of Sigma Xi Fraternitics. Hc was in Federal Service in 1936, and has been teaching advanced organic chemistry and high polymer chemistry at Drexel since 1954. He received the Arthur S. Flemming Award before he was 40. In 1955, and in that same year, he was given the USDA highest honor, the Distinguished Service Award, among others. He is a member of numerous chemistry societics. He has just



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been appointed as senior investigator at the Fels Research Institute of Temple University's School of Medicine and Professor of Chemistry in the University's College of Liberal Arts.

#### 1950-1959

Donald M. Shipley, Engr. '50, M.S. '62, of Beltsville, Maryland is an areospace engineer at NASA. Formerly he was mechanical engineer, Johns Hopkins Univ. APL; mechanical engineer of Schuttig & Co., Inc.; and mechanical engineer of the National Scientific Labs, Inc. During World War II he was Seaman 1/c with the USN. He is a member of the American Society of Mechanical Engineers. He also belongs to the Tuscan Lodge No. 202, AF&AM, and he is a member of the Free State Post of VFW.

GRACE BINKLEY HILL, A&S '50, died on September 2, 1963 at her home in College Heights Estates, Maryland. She was a nationally known microbiologist. She wrote several scientific papers relating to the study of diseases produced by fungus infections. She was employed by the Veterans Administration at the Army Institute of Research at Walter Reed Hospital. She was president of the Washington chapter of Alpha Xi Delta Sorority from 1956-1958.

RICHARD B. KURTZ, Eng. '50, has recently been appointed group leader at Chemstrand Research Center, Durham, North Carolina. Prior to this appointment, he was with Chemstrand's nylon plant at Pensacola, Florida. Before coming to Chemstrand in 1955, Kurtz was with Merck and Co. in Virginia. He attended the Johns Hopkins University before getting his degree from Maryland.

HAROLD S. McGAY, JR. BPA '50, residing in Mt. Lakes, New Jersey, is the director of Institutional Sales, Granbery, Marache & Co., Inc., member of the N. Y. Stock Exchange of which he is a vice president & director. Previously he was manager of New York Institutional Sales, McDonnell & Co. He served in the Navy from 1943-46. He is a member of the Bond Club of N. Y. and several other social clubs. His fraternity is Alpha Tau Omega.

DAVID F. BAKER, Agr. '50 is living in Seaford, Delaware. He is president of the Baker Chemical & Equipment Company; served with the Armed Forces as a corporal from 1942 to 1945.

DR. TERESA SILVERMAN, Phar. '50, of Memphis, Tennessee is a physician on the staff of the Tennessee Psychiatric Hospital, and an instructor at the University of Tennessee Medical School. Previously she worked as a registered pharmacist in Virginia. She is a member of the AMA Society, the Memphis Medical Society and The American Business Women Association. She has had several articles published.



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SADELL ROBERTA RUTHS, Educ. '51, of Baltimore, is presently a teacher.

RUSSEL T. ROOKS, Agr. '51, is living in Allentown, Pennsylvania. Currently, he is field supervisor of the Lehigh Valley Coop Farmers in that area. He was an SM 2/C, U. S. Navy 1944-1946. He at one time held the position of director—National Association of Dairy Plant Fieldmen.

HARRIS JACK WINKELSTEIN, LL.B. '51, also has an LL.M. Degree from the Catholic University of America. He is serving as an attorney for a Government Agency. He was a Private with the Armed Forces from 1943-1945. He belongs to the American Bar Association and the Federal Bar Association.

#### THE SIXTIES

IRVING JACOB RAKSIN, Phar. '60, of Baltimore, is presently a dental student at the University of Maryland. His pharmacy fraternity is Alpha Zeta Omega. He is also a member of the Maryland Pharmaceutical Association, and the American Dental Association, and is a member of the Alpha Omega Dental Fraternity.

ANITA SEATON THOMPSON (Mrs. Richard) H.Ec. '60, of Silver Spring, Maryland, is a typist with the Post Office Department, and was formerly a records clerk at Chanute AFB.

James W. Sanders, Jr., Agr. '60, of Takoma Park, Maryland, has been named manager of Sealtest Food's sales branch in Annapolis. He previously was assistant wholesale sales manager at Sealtest's main plant in Baltimore, and has been working in the Company's Baltimore district since September, 1962.

Lt. Col. John F. Driftmier, U.C. '61, of the U. S. Marine Corps, died March 25, 1963.

MISS TAWNEY A. MOHLER, Ed. '61, has been appointed registrar at the Baltimore College of Commerce. She assumed her new duties on July 15, 1963. She previously taught in the Baltimore City School System at the junior high level. She will be working particularly with students studying for their B.S. degree in Business Administration, Management, Accounting or Marketing.

MAJOR DUANE E. RUSSELL, U.C. '61, has accepted a position as assistant professor of Air Science at Ball State Teachers College at Muncie, Indiana. Major Russell also graduated from Air Tactical School, Command and Staff School, and the Industrial War College of the Armed Forces. His most recent assignment was as a Staff Intelligence Operations Officer. He has been a member of the U. S. Air Force since 1943.

MISS JUNE LEE WALKER, A&S '62, is one of 18 women students accepted to the second year of the Harvard Univer-

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Baltimore-Washington Boulevard 2 Miles North-University of Maryland AAA—Duncan Hines—Restaurant Heat—Air Conditioning—Free TV GRanite 4-6565 sity Graduate School of Business Administration. She completed the Harvard-Radcliffe Program in 1963.

Douglas Warren McKay, Engr. '63, joined the Technical Division for the Humble Oil & Refining Company, Baytown, Texas, during the summer, and was assigned to the Butyl and Butadiene Section. He will enter the Massachusetts Institute of Technology in September and will begin working toward his Ph.D. degree in Chemical Engineer-

KENNETH W. GROSHON, BPA '63, of Baltimore has been commissioned a second lieutenant in the United States Air Force upon graduation from Officer Training School. He is being reassigned to Moody AFB, Georgia, as a fuel officer. He is a member of Tau Kappa Epsilon.

MISS BARBARA A. SORRILL, M.A. '63, has accepted career employment in the Federal Service with Colonial National Historical Park, Yorktown, Virginia, under the United States Department of the Interior.

ELMER (BUD) LAURENT, BPA '63,

native of Breckenfirdge, Pennsylvania, Georgia. He is a member of Lambda Chi Alpha fraternity.

Dr. Francis X. Geczik, D.D.S. '63, also holds a B.S. degree from Iona College, New Rochelle, New York. He recently completed the orientation course for officers of the Medical Service in the U.S. Air Force. He is being reassigned to the 354th Tactical Hospital at Myrtle Beach AFB, South Carolina, where he will practice as a dentist, and holds the rank of captain.

RALPH W. JACOBSON, D.D.S. '63, also attended Emory University in Atlanta, Georgia. He recently went on active duty with the United States Air Force after completing the orientation course for officers of the Medical Service. He is being reassigned to the USAF hospital at Peace AFB, New Hampshire, where he will practice as a dentist, and will hold the rank of captain. He is also a member of Alpha Omega fraternity.

HOMER SANDFORD PIPER, U.C. '63. has been appointed to a position in the Federal Service.



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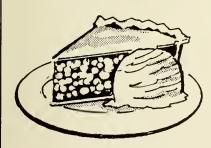
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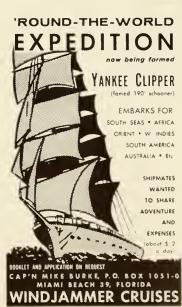
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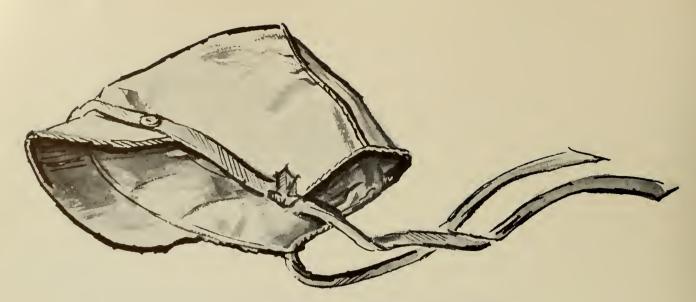
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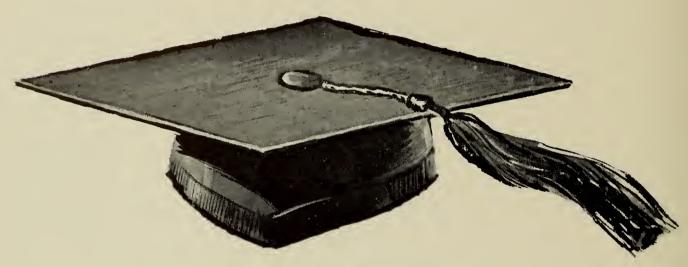
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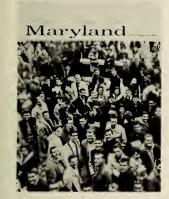


# the Maryland magazine

Alumni Publication of the University of Maryland

Volume XXXV

Number 6



THE COVER: Perhaps the most cloquent view of the University today is found in the faces of its students. This excellent photograph was taken from the balcony of the Business and Public Administration and Classroom Building by James D. Spears, a senior majoring in Journalism. Jim hails from Jessup, Maryland.

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# THE MARYLAND ENGINEER

THERE ARE FEW GROUPS IN OUR NATION WHOSE WORK IS SO MUCH taken for granted and so little understood by the public." Dr. Hugh L. Dryden, Deputy Administrator, National Aeronautics and Space Administration, who said that recently is not a man given to extravagant statements. He is in an activity teeming with science, engineering, industry, and, public service, and he is in a position to know what he is talking about. For more than 40 years he has worked closely with engineers and scientists as a participant and administrator. . . .

It is really not surprising that engineering should be so little understood because the work of engineers is so much wrapped up in everything about us—conveniences and necessities—that we take engineering and the work of engineers for granted.

by Dr. Frederic T. Mavis, Dean of the College of Engineering

Engineering is a "behind the scenes" profession which is revealed far more in what engineers have done than in what they are doing—or in what they are prepared to do for everyday folk.

Let's start with the professions—the learned professions. Someone has said that there are five—each dealing with something vitally important to many. These professions are medicine, the ministry, law, teaching, and engineering. A physician is concerned with man's body; a minister with his soul; a lawyer with his rights; a teacher with his mind; and an engineer with the conveniences and necessities that contribute to his well-being in a civilized world. Think about that for a minute and you can see why engineers are so much taken for granted and why they are so little understood by the public. The things that engineers do in contributing to the conveniences and necessities for life in a civilized world—the work of engineers—is incredibly broad; and the ingenuity of man (the engineer) does not show in his work (in the things that you and I want and are willing to buy).

Think a bit about men you know in these five professions. Everyone living in this country has had something to do with a physician. Whether he be general practitioner or specialist we look to him with confidence when we are sick or injured. . . . The minister, be he Protestant, Catholic, Jew . . . is another professional man whom we respect, in whom we have confidence, and to whom we turn for matters spiritual. . . When we wish to avoid legal entanglements—or when we need help to get out of them-we turn to the best lawyer we can afford to advise us, to safeguard our rights, or to plead our cases. . . As for the teacher—he is often misunderstood by his students for demanding too much; and by their parents for not doing for Johnny what they themselves have been unwilling or unable to do for him. . . . And this leads us to consider perhaps the least understood of these five professional men—the engineer.

In the United States there are some 360,000 engineers affiliated with 29 national engineering societies which make up Engineer's Joint Council. There is about one professional engineer for every 500 men, women, and children—and since so many of them work "behind the scenes" it is not surprising that you may not know one or hear him say what he does.

Let me quote a few terse comments about engineers and scientists from various sources:

- "Scientists make it known; engineers make it useful."
- "Scientists split the atom; engineers design and build the atomic power plants."
- "All science known today would benefit nobody if it were not applied by engineers to manufacturing, construction, mining, agriculture, or the generation of power."
- "Simply stated, engineers apply the sciences to give people use of nature's materials and forces."
- "Scientists reveal what may have been unknown to man since the beginning of time; but engineers create and put within man's reach things (conveniences and necessities) which have never before existed."
- "Engineers direct the great sources of power in nature for the use and convenience of man."

In short, scientists make it known chiefly to one another; engineers make it useful and economical to everyone—to you and me.

But don't jump to the conclusion that an engineer must

be a superman. Far from it! He must have vision and imagination, yes! He must know mathematics and the physical sciences well enough to put them to use; he cannot be content merely to talk or write about them—although he must be able to talk and write well enough to communicate his ideas and to share them with others. The scientist writes chiefly for his peers; the businessman for his customers and fellow employees; but the engineer, in his professional work, must communicate—in words, pictures, and numbers—with scientists, businessmen, technicians, craftsmen . . . in languages (verbal, graphic, and numeric) which must be precise and adequate to get things done right. While it is desirable for everyone to know a language besides his own, in America it is essential that the engineer learn to use English well as his verbal language. Unlike any other business or profession the other "languages" of engineering-graphic and numericare universal.

An engineer, above all else, is a realist. Until the brings his visions, his dreams, his ideas . . . down to earth—down to reality—he is not practicing his profession and serving society as an engineer. Analyses, plans, designs, reports, economic and feasibility studies, are all part of an engineer's work in the early stages of a project. They are carried out by teams of men and women who help to work out the details. It is the engineer's capability to conceive and design things that are useful to civilized man that is the hallmark of the professional engineer.

While engineering involves mathematics and physical sciences, it involves even more the management of men and material resources to get things done adequately, economically, usefully, and on time. So in the areas of mathematics and physical sciences that he can use, the engineer cannot be content merely to *know*—he must *know* his sciences, his materials, his teams, and his other resources *well enough* to make them all work together usefully and realistically to come out adequately, economically, and on time with a useful or marketable product or process.

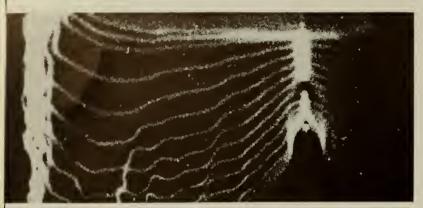
In business, industry and public service an engineer will find himself handicapped unless he can plan and organize a job, and delegate and supervise parts of it—keeping things moving on schedule. An engineer must learn to manage team effort. As he practices engineering—whether it be in industry, public service, or private practice—he has an important job to organize, to delegate, to supervise . . . in short, to do well his job, which is indeed an essential part of management.

Engineering involves the art of making decisions—decisions concerning methods, materials, money, men. . . "Decision making" is more than "problem solving". Real engineering decisions are seldom based on absolutely clear-cut alternatives; and they are seldom made with complete evidence to support them. Yet when the time for analysis, talk, and further reflection runs out, someone must make an engineering decision so that work goes on. In engineering enterprise that decision is made by an engineer. An engineer must learn to make decisions and not fret about them afterward; he cannot turn important decision making over to a committee or to a computer. Good decisions are the product of good mind-power and good experience—essentials to the practice of engineering at all times!





Studies in turbulent flow in water. The pattern is illustrated by periodic electrical pulses in a submerged platinum wire.



Studies in turbulent flow in air. A pattern is illuminated by an electric spark discharge.



Flow patterns produced by dye streamers are used as an aid in the mathematical formulation pertaining to the generation of nuclear energy.



What do engineers do? What have engineers done? What will engineers be called on to do in the future? . . . Let's look at a leaf from recent history. . . .

Today's engineers within my lifetime have linked science and management in countless ways. Transportation of persons and goods has evolved from horse-drawn vehicles and one-cylinder automobiles on mud roads to the automobiles and trailer-trucks on superhighways today. Airplanes-unknown in our early years-now fly coast-to-coast and roundthe-world in a few hours. Voice communication has changed from the local party-line telephone and wax cylinder phonograph to a world-wide telephone network at our finger-tipsto radio, TV, Hi-Fi, Telstar. . . . The private well and privy have been replaced by regional water supply systems and systems for collecting and disposing of wastes-and typhoid and dysentery are no longer known in American cities. Heat, light, and power are at our finger-tips in our homes, offices, and factories; this was not so 50 years ago. Nuclear fission and fusion conceived and developed by team effort of scientists, engineers, and industry and government, have produced fantastic sources of power for both destruction and human betterment. Farming has been mechanized in progressive America, replacing the horse-drawn walking plow and cultivator; and the processing and distribution of food, as we know it today, would have been inconceivable 50 years ago. Through chemistry, scientists and engineers have created new products, new foods, synthetic fibers, plastics . . . whole new industries—just during a short part of our lifetime. To all of these things the professional engineer has contributed mightily.

Now let us turn the pages of history and look ahead. Start with the engineering student: the recent graduate of an academic program in high school who has completed four years of English, four years of mathematics, two years of physical sciences, history and social studies, and a foreign language—one who has really studied to stay in the top quarter of his class—what happens to him as an undergraduate in engineering at the University of Maryland?

As a freshman, he and all engineering students take the same courses—elementary mathematical analysis, general chemistry, engineering graphics, introductory mechanics, composition and American literature, physical education, and (for men) air science. Already the broad pattern of engineering education and its five major elements stand out. They are as follows: (1) basic sciences including mathematics, chemistry, physics; (2) engineering sciences including mechanics of solids and fluids, engineering materials, thermodynamics, electricity and magnetism; (3) liberal arts and social studies; (4) professional studies in his major field of engineering—which form the backbone of his junior and senior years' work; and (5) other required subjects such as physical activities and air science.

By the end of the first year the engineering student will choose his major department. At Maryland this is one of six leading to the degree Bachelor of Science—in Aeronautical Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, or Fire Protection. The programs are arranged so that one can complete the requirements for the bachelor's degree in any one of these fields in four academic years; and the students who for one reason or another find themselves in difficulty as freshmen or sophomores can usually get themselves straightened out during the summer terms following the freshman or sophomore years. The somewhat better than average engineering freshman can expect to graduate in four years; and those "in mid-field" in one additional year if they really apply themselves.

Engineering students, who as juniors and seniors rank in the upper quarter of their classes and show promise of creativity and leadership in engineering and the engineering sciences or in teaching and research, should plan to do graduate work in engineering. Graduate work leads to degrees

The boundary layer flow on a helicopter fuselage, made visual by using a fluorescent oil technique and illuminated with an ultra-violet light.

of master of science and doctor of philosophy with a major in one of the engineering departments and a minor usually in one of the related sciences or management. There is an acute shortage of engineers with carned doctor's degrees—and there are challenging opportunities for able men with such top-level preparation. However, whether at bachelor's, or master's, or doctor's level, education for engineering lays a broad base for continued learning after college, be it in professional practice, in business or industry, in public service or in teaching and research.

BUT LET'S GET BACK TO THE ENGINEERING FRESHMAN AND follow him quickly from his first days on campus to his junior year when he should be solidly established in his major department.

Each entering student at the University is invited to spend two days on the campus during the summer preceding his registration to acquaint himself with the campus, the libraries and the college in which he will enroll. In engineering, the entering student attends lectures by Associate Dean Allen of the College of Engineering and his assistants—men who help the student complete his registration for the first semester and introduce him to life and work on campus as a first year student in engineering.



The first two years of an engineering curriculum at Maryland are almost the same for all departments. Engineering sciences represent the interdisciplinary subjects so important to all engineers; and each engineering student, from the time he enrolls in his first engineering science course, is in personal contact with at least one engineering teacher to whom he can turn for counsel and guidance. A team of advisers responsible to the Associate Dean of Engineering stand by for such help as may be required. It is important to maintain the broad-based program in engineering for the first two years so that graduates of accredited junior colleges and high-quality academic programs elsewhere can transfer to engineering at the University at the close of their sophomore year. Sometimes this means that in effecting a transfer a student must spend an eight weeks' summer session in transition to attain junior standing at the University. Returns on a student's investment in this kind of summer program between the end of the sophomore year elsewhere and the beginning of his junior year in engineering at Maryland arc indeed significant.

By means of live closed-circuit television every freshman student in engineering comes in contact with the ablest and



most experienced teachers from his very first day on campus. As a part of organized instruction, these lectures are followed by problem work and class discussion in small groups by instructors who clarify and extend the lectures, and help the student *learn* new subject matter and ways of engineering.

An engineer has many tools of communication and computation—by words, by pictures, and by symbols. He learns the pictorial or graphic language in his first course in engineering; here he learns to communicate by means of sketches and diagrams. Also as part of this first course he learns to use a slide rule in arriving at numerical answers to problems with an engineering flavor. Somewhat later he works on more sophisticated problems and learns to use digital computers and to program problems for modern computers in business, industry, and public service. But let me emphasize that he learns to do these things from the point of view of a thinking, planning, and reasoning engineer-not that of a technician. We understand that the University of Maryland is one of the first schools to make use of closed-circuit television with intercommunication in engineering subjects: and one of the first to have its own digital computer that is compatible with the largest and most sophisticated computers in use today—one of which is now in the Computer Science Center, whose director is also a member of the faculty of the College of Engineering.

Learning to be an engineer involves active learning which is something different from passively being taught. Accordingly the engineering students learn from one another outside of class as well as in the classroom. The engineering and physical sciences library is readily accessible to every engineering student. There are student chapters of the major professional societies—and at Maryland there are six: The American Society of Civil Engineers, The American Society of Mechanical Engineers, The American Institute of Chemical Engineers, Institute of Electrical and Electronics Enginecrs, American Institute of Acronautics and Astronautics. and the Society of Fire Protection Engineers. Each of these student chapters of professional societies has its own group of elected officers and a faculty advisor representing the major department, as well (usually) as contact members from State or regional chapters of the national society.

There are also at the University of Maryland the following honor societies for which high ranking upper classmen are eligible for election: Tau Beta Pi (the Phi Beta Kappa of Engineering) which includes all branches of engineering. Maryland's chapter of Tau Beta Pi has the unique record of having been chosen twice in consecutive years the outstanding chapter among 110 chapters of this national society—and it was awarded an honorable mention the third and fourth years. Chi Epsilon is the national civil engineering honor society; Eta Kappa Nu, the national electrical

engineering honor society; Pi Tau Sigma, the national mechanical engineering honor society. These societies, along with the student chapters of the professional societies each year carry on many worthwhile student activities. One of these activities is the annual Open House which is held each February as a part of National Engineers' Week. This open house involves planning, organization, and effective presentation of what students do and where they work. Open House has guided tours which have attracted upwards of five or six hundred visitors irrespective of weather. We consider these extra-curricular activities sponsored by students and their faculty advisers to be an important part of each participant's education to become an engineer.

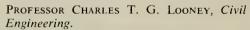
S THIS EFFORT WORTHWHILE? CAN THE "AVERAGE" engineering freshman make it if he really tries? Yes, without question! And if he has that combination of ability, personality, sincerity, and real dedication to his work and his team he will have opportunities for further learning and service in professional practice as an engineer in industry, public service, private practice, or in teaching and research. So let's see what kind of work Maryland's engineering graduates do. Here are just a few examples: AERONAUTICAL ENGI-NEERS deal with problems of transporting people and things by air and through space; with aero-space sciences and their engineering applications to aircraft, rockets, and missiles and to their control in flight. . . CHEMICAL ENGINEERS develop and produce industrial chemicals, fuels, modern synthetics and other engineering materials. They apply thermodynamics, reaction kinetics, and nuclear science to design and operation

in the chemical industries. . . CIVIL ENGINEERS are planners, builders and managers of public works and private enterprises. They play major roles in designing, building and managing industrial plants, public works, bridges, dams, water supplies, transportation facilities, large buildings. . . ELECTRI-CAL ENGINEERS apply mathematics and physical sciences in the design of systems to generate and distribute electrical energy, to transmit and receive 'intelligence'-by telephone, radio, television, computers—and to automate industrial processes for industrial plants and often serve as industrial agents, managers, or sales representatives. . . GRADUATES IN FIRE PROTECTION are concerned with scientific and technical problems of preventing loss of life and property by fire, explosion, and related hazards; and they serve industry, public agencies, and insurance companies professionally. . . THE INSTITUTE FOR FLUID DYNAMICS AND APPLIED MATHEMATICS does fundamental research in theoretical and experimental fluid dynamics and in the application of mathematics to a vast area of science and engineering. . . THE WIND TUNNEL OPERATIONS conducts a program of experimental research and development in cooperation with the aircraft industry, agencies of government, and other industries with problems concerning aerodynamics. . . The Fire Service Extension provides in-service training for volunteer municipal, and industrial firemen; and serves in an advisory capacity in matters of fire prevention, fire protection, and fire safety regulations. . . The Engineering and Physical Sciences LIBRARY, which supplements the general University Library, is in the north wing of the Mathematics Building. This library has a reading room on the first floor and three decks of book stacks with a capacity of over 100,000 volumes.



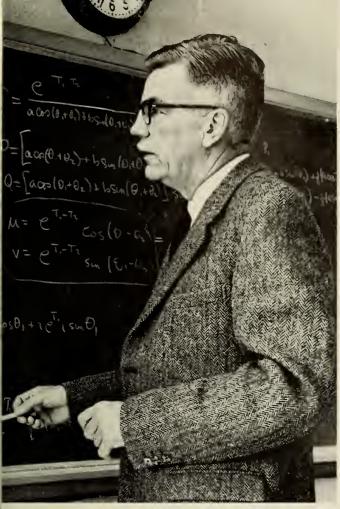
Professor C. A. Shreeve, Jr., Mechanical Engineering.

Mr. Robert C. Byrus, Director, Fire Service Extension.









PROFESSOR MONROE H. MARTIN, Director, Institute for Fluid Dynamics and Applied Mathematics.



MR. DONALD S. GROSS, Director, Wind Tunnel Operations.





PROFESSOR ROBERT B. BECKMANN, Chemical Engineering.

PROFESSOR HOWARD E. TOMPKINS, Electrical Engineering.



PROFESSOR JOHN L. BRYAN, Fire Protection.





MR. GORDON O. ALLEN, Engineering and Physical Sciences Librarian.



W HAT ABOUT THE FUTURE OF TOMORROW'S ENGINEERS? Remember—these are the engineering graduates of today. Graduates of 1963 will be at the peak of their careers at the beginning of the Twenty-first Century; and more and more of them will have had graduate training than did yesterday's engineers. Last summer our Nation's largest brokerage firm predicted a "tremendous U. S. surge within two decades." Maryland's engineers of today will be helping to push along all these advancements.

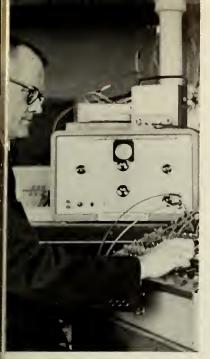
But we hear the cry of professional obsolescence in this rapidly changing world. Can engineering graduates of today continue to be at the front? Must they continually be going "back to school"? Yes; and no! Professional advancement or obsolescence in engineering is the natural consequence of an attitude of mind and gumption-or lack of it. Professional, technical, and scientific societies hold meetings, sponsor lectures, publish papers, and provide countless opportunities for committee service. Their publications are available to members at a small charge, and they are on file in many libraries. Yet many graduates—and many employers —seem to think that teaching stagnates and obsolescence takes over unless the course that each individual wants at a given moment is offered for credit, after hours, in his own building by one of his colleagues (or a University professor) at little or no cost or effort to himself. . . .

Maryland, along with most first-rate engineering schools, avoids narrowly specialized curriculums. Fundamental knowledge is stressed; and the techniques are postponed until the student is on the job. Techniques change continually, but fundamentals remain the same. An editorial in a leading newspaper last summer noted that Russian engineering students today study in some 200 specialized curriculums, compared to about 20 in the U.S. (Maryland has still fewer.) The editor pointed out that a young man in the Soviet Union does not major in the broad field of electrical engineering, but rather in a narrower division such as "Electrical Transport" or "Lighting Engineering and Principles". A Russian engineer, trained in narrow specialized fields, probably would have difficulty in shifting to another field if his job became obsolete. An American engineer, with his broad, fundamental technical background, should easily be able to make whatever changes may be necessary as technology and science advance.

It's obvious then that a good engineer never can stop learning. To be a leader today—or tomorrow—he must continually study and find new and better ways to do things. Every forward-looking engineer does just that, whether he was graduated 50 years ago or last June.

For example, Charles M. White was graduated from Maryland in 1913 with a degree in mechanical engineering. He was the only mechanical engineering graduate that year; and the entire engineering graduating class numbered only nine men. The engineering curriculum then, as now, was based on science, mathematics, and humanities, although some courses differed considerably from today's courses. Twenty-two-year-old Charles wrote a thesis titled "Some Engineering Data". . . Lack of space does not permit me to tell how Mr. White grew from his first job as a mill-wright helper to become chairman of the board of one of the Nation's largest steel companies and one of America's most influential and highly-respected industrialists.

Thirty years later, in 1943, Henry W. Price, Jr. was graduated at Maryland in Electrical Engineering in a class of 76 engineers. His curriculum was based on many of the same subjects as Mr. White's; but they had been changed to meet the needs of World War II. He studied "engineering data"; but it was not the same as that of a student of 1913. The curricula of the 1940's for all their individual differences from those of earlier years, had yet a certain sameness in basic pattern that had not changed much in many years. After a term with the Merchant Marine, Henry returned to the University of Maryland to begin his graduate work in preparation for an academic career. He now is Associate Professor



PROFESSOR HENRY W. PRICE, '43.



DR. CHARLES M. WHITE, '13.



MR. DANIEL P. BOYD, '63.

of Electrical Engineering, and the chief adviser to undergraduate students in Maryland's largest engineering department.

Another twenty years passes: Daniel P. Boyd was graduated from Maryland in Chemical engineering with the class of 1963 which numbered 229 young men and women. The curriculum of the 1960's that Dan Boyd studied differed from the other two mentioned above; but it still was based on the same fundamentals. He realized that engineers need more and more formal education. Since he wants to enter the field of research, he is enrolled for graduate work; and he plans to continue at the University of Maryland until he completes his doctor's degree.

These men, over a span of 50 years, have studied engineering subjects based on common fundamentals. They completed curricula which were in step with the best in engineering schools anywhere. The graduate of 1913 became one of our Nation's top leaders by formal graduate work, further self-study, and the gumption which develops top men in industry by way of engineering. The 1963 graduate aims to complete his graduate work—including research—before he sets his course for the more distant future. The 1943 graduate is "in the middle"—in the main-stream of professional service as a distinguished engineer and teacher whose formal learning is active; whose consulting service is in keen demand; and whose dedication to developing undergraduate and graduate students in engineering is the backbone of frontline engineering education looking toward the twenty-first century. The University of Maryland can be proud of the engineers of whom these three are so representative.

But don't get the notion that engineering doesn't change at Maryland—or at any leading University—merely because you do not read constantly of "firsts" or "news" in the public press. Marylanders will recognize a difference between an oyster bed and an ant-hill—and they will realize it takes time and proper environment to grow things of real value. There is no need for sensationalism in engineering. Facilities for instruction and research change; faculties change; attitudes change; opportunities change; responsibilities change . . . we think for the better! A look at the Maryland campus and engineering facilities will show superficially where we stand today; but a look into the classroom, laboratory, library,

and student's study rooms show more. If everyone isn't running around (as ants in an ant-hill) it does not mean that learning is not being developed—fundamental knowledge and capacity to use it as engineers in the Twenty-first Century.

What are opportunities for engineers today? If you want to see the picture right around home, drive around the Baltimore-Washington area and note names on the fronts of industrial buildings. In 1960, the Board of Trade of Metropolitan Washington listed 144 Research and Development Companies in this area which provided jobs for 20.000. Look at the list and count how many were not even in existence ten years ago; and how many develop products even unheard of ten years ago. Remember that engineers who are heading some of these modern industries today were formally educated by way of college curriculums that were in effect 15 or 20 years ago, in, say, the 1940's. . . .

How can one prepare himself to be ready for other new and challenging opportunities as an engineer? Let me stress again, that such an engineer must always continue to learn. He must first learn the fundamentals of engineering; and then he must always continue learning the rest of his active life. This does not mean continuing to "take courses" for credit! Anyone who has learned to study can continue to read, study, and learn on his own—and he must never let habits of active learning lapse if he wants to be in the best market for his professional services today—or tomorrow.

Tomorrow's engineers who will combine science and management with engineering—who will conceive and design goods and services that people want and are willing to pay for—will never be without stimulating and challenging work. Tomorrow's engineers who are preparing themselves today, have professional opportunities the like of which no one has yet seen.

Yet tomorrow's engineers will do many of the same kinds of things engineers of today and yesterday have done—and they will find better ways to do them. Moreover they will do things we have not yet dreamed of! The future of the engineering profession could not be in better hands than in the hands of tomorrow's engineers!

Mr. Charles A. Chaney, '11.





MR. W. F. CLARK, '59.

## Maryland Engineering Alumi

D<sub>ID YOU KNOW THAT ROCKVILLE,</sub> Maryland, in nearby Montgomery County, has twice been named All-America City of the year by *Look Magazine* and the National Municipal League? It was so designated in 1954 and again in 1961.

Rockville has a population of 33,000, sixty of whom are engineering graduates of the University of Maryland. This is one *Maryland* engineering graduate to each 550 persons in the community; and if there were no other engineers in that area it would be about the national average distribution of engineers.

Here, right around home, we thought, is a ready-made laboratory to find out something about a sample of Maryland's engineering alumni: who they are; where they live and work; what they do—at work and otherwise; and

how they helped to make Rockville an All-America City—twice. So we set off for Rockville, earrying along the alumni list.

We headed first for City Hall to interview William F. Clark '59 who is the Assistant to the Director of Public Works. Bill said that he is helping to develop Roekville's six-year eapital-improvements program; and he showed us the model for the Mid-City Urban Renewal Project. He explained that since many industries are located in the area surrounding Roekville, many persons choose to live there. Consequently, over the past ten years, Rockville has been the fastest growing municipality in the State.

Armed with a map, we set off to explore the city and visit others on our list. Down the street, we found J. Ward Wisner, Jr., '23 in the midst of moving

from the house in which he had lived for almost 40 years to a new one in the suburbs. He now has retired from teaching in Rockville's High School.

George W. Edmunds '52 was busy designing flow meters for the Engineering Physics Company. Sharing the same building was the Thomas M. Yoder Co., Inc., General Contractors. There we found R. F. Simi '56 and William Moore '63. They were working on plans for a bomb shelter for Rockville.

Allan Morton Thomas, Jr. '35 is President of A. Morton Thomas and Associates, Inc. He and his company have been instrumental in helping to develop many of Roekville's improvements.

Since Charles A. Chaney had graduated in 1911, we thought he might be leading a leisurely life and we could interview him at his attractive home in

Mr. George W. Edmunds, '52.





MR. BRUCE H. BURNSIDE, '44

## an All-America City

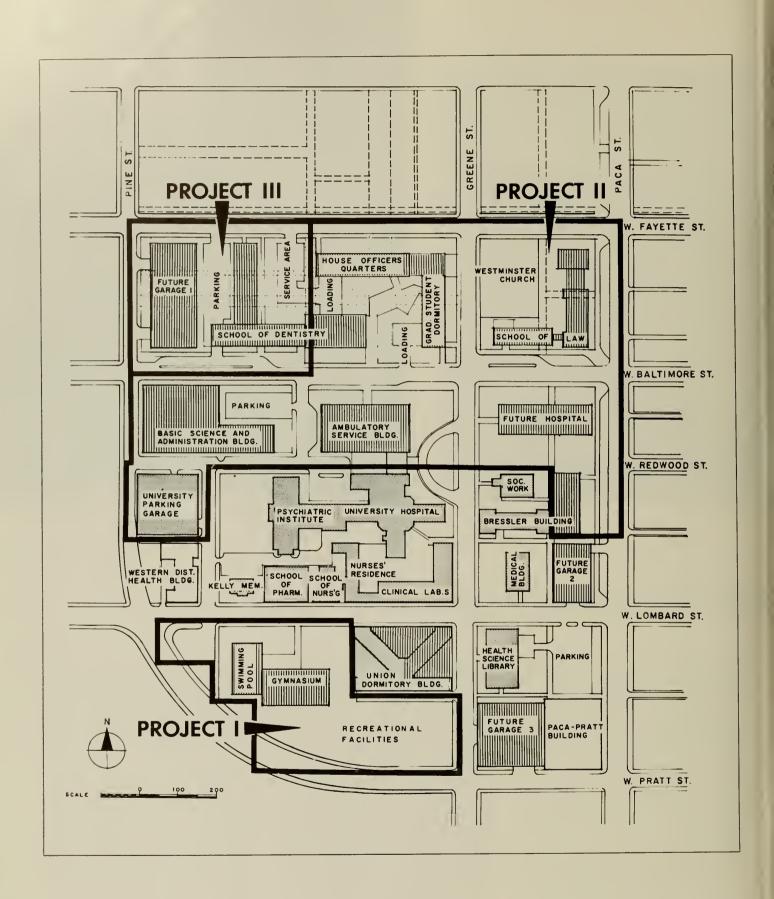
the outskirts of Rockville. We were wrong; so we headed for the office of C. A. Chaney & Associates, Marina Consultants, where we found him working on the design for his 510th marina. He began designing marinas in the mid-1930's and, since then, he has designed most of the important marinas in the United States, plus five in South America, two in Europe, one in South Africa, and two in Australia. He has written five books on marina planning. He is regarded as the nation's authority on that subject.

P. F. Barry '59 and R. R. Locke '60 work for the IBM Corporation. John Pavlides '56 and C. M. Stretmater III '59 are structural engineers. E. R. Rucker '50 is a zone manager for the Clayton Manufacturing Company.

We also visited the beautiful Civic Center which is the hub of Rockville's many recreational, cultural, and social activities. We wondered how many Maryland engineers contribute to these organizations. By continuing our interviews, we found that Maryland's Engineers who live in Rockville are active in community affairs and the list of their hobbies is a long one. For example, J. C. Tomasello '56, a project leader at the Harry Diamond Laboratories, is President-elect of a local civic association and a delegate to the County Civic Federation. Others were active with churches, the P.T.A., scouting, professional societies, the Toastmaster Club, and lodges.

Golf and fishing tied for first place as favorite recreations of the groups, with home carpentering second. Other favorites were bowling, hunting, softball, gardening, photography, camping, art, music, politics, and barbershop-singing. B. H. Burnside '44 who is a member of a team that tests atomic submarines, is an officer of the Potomac Appalachian Trial Club. As an overseer of the Club, his specific responsibility is to supervise and assist in the maintenance of a six-mile stretch of the trail near Rockville.

Much more could be said in this report of Maryland's Engineering Alumni in Rockville. If you were to go to Baltimore, or Philadelphia, or Cleveland, or New York . . . you would find the makings of other stories of Maryland's engineers in professional practice, industry, business, public service, teaching, research . . . and you would find that there are more opportunities for good engineers than there are men and women prepared to fill them.



# A New Professional Campus Takes Shape in Baltimore

A CAMPUS THAT REALLY LOOKS LIKE A CAMPUS IS BEGINning to evolve in Baltimore. The sight of open spaces and the promise of grass and trees and new buildings are lifting everyone's spirits.

A four-acre tract of newly cleared ground west and south of the Baltimore Union on Lombard Street—the University's Urban Renewal Project One—is being prepared for planting, parking lots, and courts for tennis and handball. Handsome brick walls are rising to enclose a central courtyard.

The landscaping, which will be completed in January 1964, is only the first phase of Project One. There are plans for a future gymnasium and swimming pool here.

Meanwhile, demolition is almost 95 percent complete in the nine-acre Project Two at the north edge of the campus. As many as four cranes at a time worked, sometimes around the clock, to accomplish this. The old Biltmore Hotel has gone, to make way for the new law building complex, for which ground will be broken around the first of the year.

The few buildings awaiting destruction have a doomed look among the ruins. Al's Restaurant is still there, visited daily by a few faithful partons, and temporary quarters next door for the University's purchasing and personnel departments have been spared, awaiting completion of their new offices in Howard Hall.

The open spaces lend stature to University Hospital and the buildings around it and reveal the beauty of historic old Westminster Church and its graveyard, where Edgar Allan Poe is buried. Motorists on the Baltimore-Washington Parkway on Greene and Paca Streets can no longer pass by the campus without seeing it.

Cleared areas in this project will ultimately provide sites for a new hospital building, new dental building, and quarters for house officers and graduate students, as well as the new law buildings. Adequate off-street parking will be included, according to Urban Renewal regulations.

Project Two acreage also includes properties that the University acquired in 1959 by purchase from the Hecht Company.

JOHN EAGER HOWARD HALL, WITH ITS NEW BRICK FACING and beautiful new lobby on Redwood Street, doesn't even faintly resemble the old department store that it used to be, and nobody ever thinks of it as that any more. Renovation is substantially complete in the six-story Hall.

One of the first departments to move in was the Medical School's new Institute of International Medicine, founded in 1960 to train medical researchers here and abroad and to conduct research in international health problems. The Institute's new laboratories are located on the fifth floor, and eventually a computer center will be added there.

Other new occupants are the Medical School's basic science departments—biochemistry, biophysics, microbiology, pathology and clinical pathology, pharmacology, and physiology—which occupy three and a half floors. These departments had been scattered throughout the campus in crowded and outdated quarters in the old Medical Technology Building and Gray Laboratory, as well as the newer Bressler Research Building (built in 1940), where the space freed was badly needed for expansion of other medical research.

by Beth Wilson, Associate Director of University Relations

Dr. George Entwisle and Dr. Paul Richardson confer in Al's Restaurant before the cranes move in.



On the sixth floor a modern new animal farm is being installed and an award of bid has been made for construction of a new radiobiology unit.

With the more than seven acres of added floor space that Howard Hall provides, medical students now have more classrooms and all students studying basic sciences, undergraduates, as well as graduates, have been assigned individual laboratory areas where they can work around the clock if they wish. Eventually, Howard Hall will provide space for several central administrative offices and campus maintenance services.

Costs of remodeling and fixed equipment were about \$2.75 million, including Federal funds.

Across the street from Howard Hall, at the corner of Redwood and Penn Streets, the former department store's 335-car parking garage, now University Garage, is doing something to ease the campus's acute parking shortage. Next door to the garage, a former service building has been remodeled; one floor of this building, renamed Redwood Hall, is being used temporarily by the University's two-year-old School of Social Work (which enrollment jumped 50 percent this year), and the other three floors are being used to store campus supplies. When the new law buildings are completed the School of Social Work will move to the present law building.

Renovation is continuous in University Hospital, built in 1934, and in the connecting Psychiatric Institute, added in 1953 with a junctional wing to the main hospital.



A larger and greatly improved cobalt machine, called a Theratron, has just been installed as one treatment unit in the newly remodeled radiation wing of the Hopital. Another form of radiation therapy will be initiated here when the Nation's most powerful betatron to be used for anticancer treament goes into operation next spring. The betatron, installed last March, is being tuned up electronically and calibrated for use in cancer research and for the treatment of deep-seated tumors in such areas as the bladder, lung, esophagus, and pelvis.

A 14-bed inpatient unit for child psychiatric patients has been in operation for nearly two years; a ten-bed clinical research unit for fundamental studies of disease in man, opened last year, is now in full operation.

Other modernization includes adaptation of the ninth floor in the hospital for neurological patients, who require intensive care; expansion of the newborn nursery on the sixth floor, the physical therapy department on the eighth, and the kitchen and cafeteria on the basement and first floor; modernization of all ten operating rooms on the seventh floor; conversion of the twelfth floor from house staff quarters to a 53-bed unit for patent care; and the addition of an elevator.

The Hospital has plans for complete renovation, floor by floor. Besides the other floors mentioned, the tenth floor, for private patients, has been partially remodeled, and the eleventh floor will soon be modernized.

A pilot unit for research on the metabolic and biochemical

at the height of demolition, altimore faculty referred to heir eampus s "the disaster area."



aspects of shock has been installed on the fourth floor, and future plans eall for construction of an entire wing of the Hospital devoted to the study and treatment of patients in shock.

FOUR NEW UNIVERSITY BUILDINGS ON LOMBARD STREET, all built within the past six years, have done much to improve the eampus: Dunning Hall, the pharmaey school building; Whitehurst Hall, the nursing school building; the Baltimore Union; and the three-year-old Health Sciences Library, across the street from 151-year-old Davidge Hall (which has recently been refurbished with fresh paint, new floors, and new steps).

Next door to the new Baltimore Union, the original University Hospital, parts of it built in 1823, still serves as the outpatient department in spite of its deteriorated condition. Plans call for its being replaced by an eight-story building, which will also provide 100 additional patient beds.

Ultimately, expansion to 13 stories is contemplated, to provide more outpatient services and more hospital beds. Long range plans contemplate a total of about 1,200 beds, to meet growing demands of the city and State.

The Medical School must expand its educational program to fill the urgent need for more physicians; in 1962 the freshman class was enlarged from 100 to 128. Expanded hospital

services, besides meeting essential community needs, will also provide clinical experience for more medical students.

When the pesent outpatient building is razed, the Baltimore Union will be enlarged on this site to triple its present housing eapaeity of 195.

In January, ground will be broken near the corner of Paea and Fayette Streets for a group of three new buildings to replace the present law building, built in 1931. One building will house the law library, with initial stack space for 80,000 volumes; another will provide administrative offices and elassrooms for the Law School; and the third will be a 600-seat auditorium for use by all schools on the campus. As soon as these new buildings are available the present law building will be turned over to the School of Social Work.

Dental school enrollment is also growing, and plans are being drawn up this year for a new dental building to provide for new research facilities, new special clinical areas for graduate and postgraduate studies, larger laboratories for the basic sciences, and a training school for dental hygienists and other auxiliary personnel. Meanwhile, 40 new dental chair units have been installed to modernize the present dental school clinic. Along with the building plans, the dental school is also engaged in revaluation of its curriculum.

New buildings and new equipment greatly increase eampus electrical needs, and the initial phase of a master switching station is being designed, to be located underground, between the A and B wings of the Hospital.

## 3,715 Alumni contribute \$116,235 to the Greater University Fund

HE GREATER UNIVERSITY FUND HAS mailed to alumni The Annual Report and list of contributors for the fiscal year ended June 30, 1963.

Hailing the '63 program as the most fruitful to date, Chairman Albert E. Goldstein, M. D., and National Canvass Chairman Howard Filbert, Engineering, stated:

"This is the way that we as alumni join hands with the faculty and students in making a greater University. As alumni, our help in the enrichment of our libraries, in student aid and in the Distinguished Faculty Program gives us an active part in the continuous advancement of higher education at the University of Maryland.

"We know that fund volunteers from all over the country share with us the satisfaction that comes from active participation in this program. We hope each one of you will want to be part of the '64 Program by serving as a Sponsor for the Fund. It is a vital and worthwhile scrvice.'

During the '63 scason the number of contributors reached a record high of 3,715. The total amount contributed was \$116,235.

The total contributions to the Fund have exceeded \$805,000.

"Since 1958," said Mr. Filbert, "alumni of the University of Maryland on 18,168 occasions have reached into their own pockets to say, 'We believe in the University of Maryland, and we want to help. It is not what we can get out of the University that is important but what we can put into it.' This is the spirit we need, and this is the spirit of thousands of our graduates. It is one of the greatest assets of the University."

Subsequent to the issuance of the annual Financial Report, the Fund organization compiled a "Round-up of Sample Projects Sponsored in whole or in part by the Fund" during the past five years. This list follows:

### For Outstanding Students

MORE THAN \$155,000 HAS BEEN USED MORE THAN \$45,000 HAS BEEN USED FOR IN THE STUDENT AID PROGRAM AND OVER 400 STUDENTS HAVE BEEN HELPED SO FAR.

At least one scholarship for each school and college, under alumni auspices;

Special named scholarships for many of the schools and colleges of the University;

Special student aid and loan programs for Nursing, Law, Pharmacy, Engineering, Art, Music, Agriculture and Medicine;

Annual Art students awards:

Two new emergency loan funds;

Annual prize for scholarship in the field of Mathematics;

Annual prize for excellence in Surgery; and a

Fellowship program in Agronomy.

### For Outstanding Faculty

MORE THAN \$150,000 HAS BEEN USED A new Comparative Literature Journal IN THE FACULTY DEVELOPMENT PRO-

University-wide Outstanding Teaching Awards program;

New Visiting Professors program;

Distinguished lecture series in Radiology;

Distinguished lecture series for the Law School:

Television teaching apparatus for Dentistry;

Special research funds in Pharmacology;

Funds for advanced study for Engineerdoctorate; and

heart surgery and cardiology.

### For Outstanding Libraries

ENRICHMENT OF THE LIBRARIES.

Many special collections of practical and historic interest acquired for libraries on both campuses;

Outstanding German music collection acquired;

Special fund for medical libraries;

Class of '62 gift for special library collections;

Class of '63 gift for library use; and a Special collection of Civil War documents and papers of prominent Baltimore political figure secured.

### For Environment for Outstanding Work

MORE THAN \$450,000 HAS BEEN USED IN THESE AND OTHER SIMILAR PRO-GRAMS.

Furnished the Baltimore Union, a major addition to the Baltimore Campus:

sponsored:

Sent University Chapel Choir to International Music Festival and to Carnegie Hall;

Support for projects in the University Theater;

Special recitals and concerts;

Programs of the University's Madrigal Singers sponsored;

Funds for helping to establish the new Betatron Unit for cancer research;

Assistance in establishing a Metabolic Research Clinic in the Hospital;

ing faculty members to secure their Renovating project at historic Rossborough Inn; and

Research funds for advanced study in Support for individual projects in many of the schools and colleges.



## HOMECOMING

Several Thousand alumni returned to college Park in the traditional football week-end. More than 500 alumni enjoyed an informal buffet luncheon in the main dining hall.

Following the game, a sellout in which the Terrapins lost to the Nittany Lions of Penn state, 17-15, alumni were entertained at a coffce hour in the ballroom of the Student Union. President and Mrs. Wilson H. Elkins were on hand to greet the several hundred persons present, and members of the Prince Georges Alumni Club, with Dr. John Cronin as President, served as hosts.

"Maryland Hits the Books" was the theme of this year's Homecoming festivities. Price-winning floats were: fraternity, first place, Sigma Alpha Epsilon, "The Gladiators," second place, Zeta Beta Tau, "Breakfast at Nittany's" or "Cat on a Hot Tin Pan"; and dormitory, first place, Belair, "Gone With the Wind," and second place, Calvert C and D, "How the Rest Was Won."

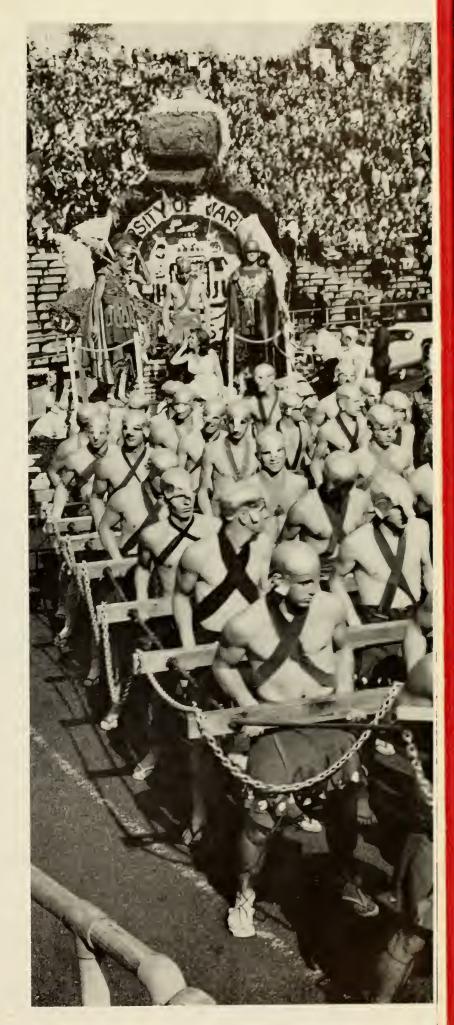
House decoration winners, judged earlier, were: dormitory, first place, Dorchester, "Rally Round the Goal, Terps," second place, Carroll, "Matchbook—Maryland Strikes Again"; sororities, first place, Sigma Kappa, "A Farewell to Nittany," second place, Sigma Delta Tau, "Nittness for the Prosecution," While the band played "I Enjoy Being a Girl," Homecom-

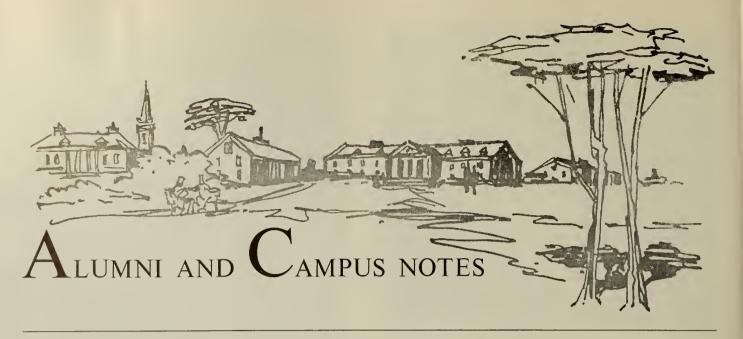
While the band played "I Enjoy Being a Girl," Homecoming Queen candidates were escorted onto the field by mcmbers of the Pershing Rifles. Ingrid Uldrikis of Carroll Hall was crowned Homecoming Queen of 1963 by President Elkins and was presented a bauquet of roses by Dr. Edward Stone, president of the Alumni Association. Assisting were Jim Beattie, president of S.G.A.; Carol Gebert, overall Homecoming chairman; and Kathy Walsh, Baltimore campus Homecoming Queen.

First Queen runnerup was Judy Cohen, Alpha Epsilon Phi; second, Terry Etienne, Kappa Kappa Gamma; third, Pat Missel, Alpha Chi Omega; and fourth, Bridgette Forshew, Delta Gamma.

The Queen and her court and the prize-winning floats rode in parade at halftime, and the Maryland band presented "Maryland Victory Through the Ages."

Billy May's Orchestra furnished music for the dance in the evening, which was attended by approximately 2,400 persons. The theme, "Hitting the Books" was carried out in the dance decorations, which featured a giant crepe paper mug filled with rulers and pencils. Vocalists for the evening were the Coasters. Jim Beattie recrowned Queen Ingrid and presented her with a silver tray.





### UNIVERSITY CALENDAR OF ACTIVITIES

#### **DECEMBER**

- 20 Christmas Recess Begins After Last Class
- 27 Basketball, Evansville, Indiana, Away
- 28 Basketball, Evansville, Indiana, Away

#### **JANUARY**

- 6 Christmas Recess Ends
- 9 S.G.A. Cultural Committee, National Symphony
- 11 Basketball, Navy, Away
- 13 Basketball, North Carolina, Away
- 16 Band Concert

- 18 Basketball, North Carolina State, Away
- 20 Basketball, Wake Forest, Away
- 21 Pre-Examination Study Day
- 24-29 Semester Examinations

### **FEBRUARY**

3 Spring Semester Registration

## Faculty, Students, Citizens are Honored By the University

University of Maryland awards for excellence in teaching, the first ever given, were presented to five faculty members at the Third Annual Honors Convocation. Each of the faculty members received an award of \$1,000.

Also honored at the Convocation were 354 academically superior students and three Maryland citizens who have exemplified the ideals of the University.

Recipients of the teaching awards, all assistant professors, were Dr. Gordon Atkinson, Department of Chemistry, Dr. Norton T. Dodge, Department of Economics, Dr. David M. Farquhar, Department of History, Dr. John Portz, Department of English, and Dr. Edgar P. Young, Department of Animal Science.

In announcing the awards, Vice President for Academic Affairs R. Lee Hornbake said:

"The University of Maryland's basic purpose in granting this award is to search out and reward excellence in teaching, with specific attention given to our young faculty members.

"The selection procedure acknowledges the differences among the disciplines and places emphasis upon creative, resourceful approaches to teaching," Dr. Hornbake concluded.

Dr. Atkinson, 33, a native of Brooklyn, N. Y. holds degrees from Lehigh University and Iowa State College. Before coming to the University of Maryland in 1961, he was a member of the faculty at the University of Michigan.

At Maryland, Dr. Atkinson teaches freshman and sophomore chemistry as well as upper division courses. In addition, he is the advisor of two undergraduate National Science Foundation Follows, four graduate students and four post-doctoral fellows from India, Japan, England and Italy. His interest in teaching extends also to the secondary school level where he has participated in judging high school science fairs.

Dr. Dodge, 36, who holds degrees from Cornell and Harvard Univerities, is a native of Oklahoma City. Before coming to the University of Maryland in 1956, he was a member of the faculties of the University of Vermont and Wellesley College.

An expert on economics in the Soviet Union resulting from extensive

research and personal visits to the USSR, Dr. Dodge teaches both undergraduate and graduate level courses. He initiated and organized the first graduate level program in economics of the Soviet Union to be offered at the University and is currently assisting in the planning of an interdepartmental curriculum in Soviet studies. A prolific writer, Dr. Dodge serves as a consultant on Soviet affairs for a number of governmental agencies.

Dr. Farquhar, 36, is a native of Silver Spring. He holds degrees from the University of Washington and Harvard Universities. He is a graduate of Montgomery Hills Junior High and Montgomery Blair High Schools and attended Georgetown University. Dr. Farquhar, who is an expert in Chinese, Japanese, Mongolian and European languages, was instrumental in developing the area of Far Eastern studies at the University of Maryland which has attracted a large number of students.

Dr. Portz, 49, was born in Pottsville, Pa. He holds degrees from Duke and Harvard Universities, Before coming to the University of Maryland in 1947, he was a member of Northwestern University faculty.

He teaches basic freshmen and sophomore courses and upper division courses in English, and American literature. In addition to his academic work at College Park, Dr. Portz taught courses in modern literature to high sehool teachers throughout the State of

Maryland.

Dr. Young, 35, was born in Van Wert County, Ohio. He holds degrees in animal seienee, agricultural economies, physiology and anatomy from Ohio State University. A member of the faculty at College Park since 1958, he teaches animal husbandry to both upper and lower division students. He serves as advisor to the undergraduate majors in his department and to a number of student organizations.

John G. Palfrey, a member of the Atomie Energy Commission and a former dean of Columbia College, presented the principal address: "Government and the Distracted Scholar."

During the eeremony 354 students were cited for achieving an academic average during the 1962-63 school year of 3.5 or above, out of a possible 4.0 points.

President Wilson H. Elkins presented Regents' Distinguished Service Awards to three individuals who in the opinion of the Board of Regents exemplify the ideals for which the University of Maryland stands.

They are The Honorable Edward S. Delaplaine, of Frederick; Walter N. Kirkman, of Baltimore; and James M. Cain, of Hyattsville.

Delaplaine, author and jurist, graduated from Washington and Lee University and studied law at Washington and Lee and the University of Maryland. He served as a member of the Maryland House of Delegates, from 1916 to 1918, eity attorney of Frederick from 1919 to 1922, was admitted to practice before the Supreme Court in 1932, and was Chief Judge of the Sixth Judicial Circuit and Associate Judge of the Court of Appeals of Maryland from 1938 to 1957.

In addition, Delaplaine is the author of several books including Roger B. Taney: His Career as a Lawyer; The Dred Scott Case; and Religious Liberty and the Courts.

Kirkman became associated with the State Department of Health in 1910, was appointed Secretary and later Chief of the Division of Personnel and Aecounts. In 1921 he was appointed State Purchasing Agent in addition to his duties on the Board of Health. From 1939 to 1948 Kirkman served as State Budget Director of the Department of Budget and Procurement.

Kirkman has also served as Director of the Maryland Medical and Chirurgical Faculty and as Chairman of the sub-committee on policies and financing of Maryland's medical and hospital programs. In 1961 he was appointed a member of the State Board of Health and Mental Hygiene.

Cain, a newspaperman and a native of Annapolis, is the author of many sketches, novels and plays. He

has been on the staff of the Baltimore Sunpapers from 1918 to 1923, and served as a Professor of Journalism at St. John's College for one year. He was an editorial writer for the New York World from 1924 to 1931. His novels include The Postman Always Rings Twice; Serenade; Mildred Pierce; Love's Lovely Counterfeit; Past all Dishonor; and Galatea.

### New Infirmity

A new student health services facility has been opened at College Park.

Located adjacent to the Student Union Building here, the new facility was constructed at a cost of \$455,000 appropriated by the 1961 Maryland General Assembly.

Modern physicians offices and examining rooms, in-patient pantry. x-ray facilities, an operating room for minor

surgery, physical therapy room and laboratory facilities are among the new services which will be available to students.

The new building will provide beds for 25 patients on the second floor. The third or attic floor can be utilized for additional bed space in an emergency.

The staff of three full-time and live part-time physicians, headed by its director, Dr. Lester M. Dyke, saw 25,000 patients during the 1962-63 academic year, an increase of 2500 over the previous year. The physicians are assisted by 11 nurses, one technician and four hospital attendants.

The new building will replace the old health services building which was originally built in 1901 and renovated in 1940 and 1957. The old building is currently being used as a dormitory for man



### Dr. Day named 'Outstanding Young Scientist'

Dr. Thomas Brannoek Day, associate professor of physics at the University, has been named by the Maryland Academy of Sciences as the State's "Outstanding Young Scientist of 1963."

Dr. Day, 31, was eited for his "brilliant research in high energy physics and his significant contributions to the theory of elementary particles."

He received an engraved plaque bearing the eitation and a \$500 cash grant. The award was presented by Mayor Theodore R. McKeldin, of Baltimore, a member of the Academy's Board of Trustees.

The Aeademy also gave special honorable mention to two of the seventeen scientists nominated for the award. They are Dr. Joseph F. Bird, of the Johns Hopkins University, for his "outstanding contributions to the understanding of unstable burning of solid-fuel propellants" and Dr. James L.

Gumnick, of Loyola College, for his "contributions to science teaching and his significant research in physical electronics."

The Outstanding Young Scientist Award was established by the Maryland Academy of Sciences in 1959 to help stimulate the interest of young people in science and to recognize their efforts.

Dr. Day's selection was made by a committee of three judges who evaluated the achievements of the nominees.

The judges were Dr. Ralph D. Bennett, vice president, Nuclear Division, Martin Company; Dr. Alvin Nason, professor of biology and associate director, McCollum Pratt Institute, Johns Hopkins University and Dr. John W. Townsend, assistant director, Goddard Space Flight Center, National Aeronauties and Space Administration, Greenbelt, Md.

Dr. Day, who lives at 10600 Pine-

dale Drive, Silver Spring, received his B.S. in 1952 from the University of Notre Dame and his Ph.D. in 1957 from Cornell University. At the University of Maryland, he engaged in both theoretical and experimental research in high-energy physics.

His principle theoretical investigation, conducted at Cornell and Maryland, demonstrates that certain elementary negatively-charged particles which come to rest in matter interact with this matter in only a limited number of ways. This discovery means that the possible explanation for observed phenomena is reduced to a manageable number and this theoretical work is, therefore, a powerful tool for experimental research on elementary particles.

Recently, Dr. Day participated in an experiment that demonstrated a similarity between two different elementary particles—the sigma and lambda hyperons which are particles having respective masses about 2300 and 2200 times as heavy as an electron. This result lends support to recent theoret-

ical efforts to understand elementary particles and their interactions.

Another experiment which examined the decay or break-up of sigma hyperons made it clear that a major research effort would be required if the picture of these decays is to be completely understood. In addition to these theoretical and experimental efforts, Dr. Day has been a leader in developing new methods in the use of high speed computers for the analysis of high energy physics experiments.

He has written numerous technical articles and reports, and has published in such journals as the Physics Review, the Journal of Applied Physics and the Bulletin of the American Physical Society.

Dr. Day is the University of Maryland representative on the Southern Regional Accelerator Committee, Oak Ridge National Laboratory; chairman of the committee's subcommittee on high energy physics, and is a representative at Argonne User's Group, Argonne National Laboratory.

### Some Recent Grants to the University

For continued research in surgery. The Pangborn Foundation to Department of Surgery \$6,000.

For a continued program of research and training.

GENERAL ELECTRIC FOUNDATION TO DEPARTMENT OF PHYSICS AND ASTRONOMY \$5,000.

n|c

For research on the organic chemistry of high polymers.

GOODYEAR TIRE & RUBBER COMPANY TO DEPARTMENT OF CHEMISTRY \$10.000.

\*

For research on the operating efficiency of firms marketing agricultural products.

U. S. DEPARTMENT OF AGRICULTURE TO DEPARTMENT OF AGRICULTURAL ECONOMICS \$10,000.

\*

To support studies concerning the analysis residues of Chemagro experimentals in plant and animal tissues.

THE CHEMAGRO CORPORATION TO DE-PARTMENT OF ENTOMOLOGY \$2,000

\*

To provide funds for a counseling and guidance training institute.

U. S. Office of Education to College of Education \$20,216.

For graduate research and study. General Electric Foundation to Department of Physics \$5,000.

\*

For studies on lysin requirements of starting chicks.

MERCK & COMPANY, INC. TO DEPARTMENT OF POULTRY \$3,000.

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For computer-oriented research in the space related sciences.

National Aeronautics and Space Administration to Computer Science Center \$700,000.

For research on the dynamics of astrophysical plasmas.

National Aeronautics and Space Administration to Institute for Fluid Dynamics and Applied Mathematics \$97,622.

\*

For study of agricultural education in the United States.

Carnegie Corporation of New York to University \$200,000,

\*

To expand the master's program in general psychiatric nursing and in developing the newly-established master's program in child psychiatry nursing.

NATIONAL INSTITUTE OF MENTAL HEALTH TO SCHOOL OF NURSING \$1,579,661.

## Through The Years

### 1895-1919

DR. ANDREW LOUGHNAN, M.D. '01, of Oconomowoc, Wisconsin, died on October 4, 1962. He was 89.

Dr. Robert E. Booker, M.D. '02, of Lottburg, Virginia, died on March 25, 1963.

DR. ANDREW COLIN GILLIS, M.D. '04, died of a heart attack at Mercy Hospital in Baltimore on March 12, 1963. Dr. Gillis was an internationally-known psychiatrist and neurologist. He was 83.

MRS. PAGE EDMUNDS (Millicent Geare), Nurs. '05, died on January 31, 1963, following a carriage accident, while vacationing in Nassau, British West Indies.

S. Bradford Downes, Pharm. '06, died on March 6, 1963, at the age of 82.

Dr. James Herbert Bates, M.D. '07, died at his home in Elkton, Maryland, on March 21, 1963. Dr. Bates practiced medicine in Elkton for more than 40 years. He was 78,

DR. HARRY M. ROBINSON, M.D. '09, died at the age of 78 in March, 1963, at Mercy Hospital in Baltimore. He had been ill for some time. Dr. Robinson was professor emeritus of dermatology at the University of Maryland Medical School.

DR. WILLIAM E. MARTIN, M.D. '09, is in the general practice of medicine. He lives in Randallstown, Maryland. Dr. Martin has one son.

### Major General Lindsay McDonald Silvester

Major General Lindsay McDonald Silvester of Washington, D. C., a 1911 honor graduate of the Maryland Agricultural College, died recently at the age of 73. Burial was in the Fort Myer Chapel, Arlington, Virginia.

A native of Portsmouth, Virginia, General Silvester began his military career soon after college. When he retired in 1949, he was a veteran of 38 years, including service in the 1916 Mexican Punitive Expedition and both World Wars.

He was awarded the Distinguished Service Cross for gallantry in action during World War I, as well as the Silver Star, Purple Heart and the French Croix de Guerre.

During World War II, General Silvester trained armored units and was given command of the "Lucky Seventh"



Among principals at the 13th annual M Club Awards Banquet on December 7 at the Statler-Hilton Hotel in Washington, D.C. were the Honorable J. Millard Tawes, Governor of Maryland, and Dr. Wilson H. Elkins, President of the University, pictured with the three newest members of the Maryland State Athletic Hall of Fame (holding framed certificates), and M Clubbers. Left to right, John D. Poole, banquet chairman; C. Robert Boucher, M Club President; William M. Werber, batting star of the 1940 World Series while playing with the champion Cincinnati Reds; "Dutch" Lentz, triple-threat athlete who enjoyed a distinguished career in football, basketball and baseball in the early 1900's; Governor Tawes; Dr. Elkins; and Robert "Bobby" Pool, lacrosse player and one-time coach at Harvard University. Some 600 persons filled the Statler's Presidential Ballroom to witness the award presentations. At the same time, Governor Tawes was made an honorary member of the M Club.

Armored Division when it spearheaded General Patton's dash across France and liberated many French towns.

General Silvester was past president of the Izaak Walton League in Bethesda and the University of Maryland "M" Club.

Survivors include his wife, Mildred Turner Silvester, Washington, D. C.; two sons, Colonel Lindsay M. Silvester, U.S.A.F., stationed in California, and Edward M. Silvester of Falls Church, Virginia; and five grandchildren.

DR. WILLIAM P. MAHONEY, D.D.S. '12, of Millbrook, New York, has been President of the Board of Education, The Community Center, The Dutchess County Dental Society, and Chairman of the Boy Scout Committee. He is also a bank director, and a church trustee.

DR. PAUL N. FLEMING, M.D. '13, has been in Otolaryngology since 1914. In addition he is a 32nd Degree Mason, and an active member of many Medical Societies. Dr. Fleming resides in Silver Spring.

DR. THEODORE H. MORRISON, M.D. '15, of Baltimore, was formerly clinical professor of Gastro-Enterology at the University. He continues practice, and is a member of numerous boards, including the American Board of Internal Medicine. cine.

Bernard F. Senart, Engr. '17, is now retired in Sarasota, Florida. He was an aeronautical engineer with the Air Materiel Command, U.S.A.F., from 1920-1951.

### 1920-1929

CORNELIUS D. HOGAN, D.D.S. '29, of

Burlington, N. J. is in private Dental practice, and also is Senior Dentist at the N. J. State Prison at Trenton. He holds membership in a number of Dental Societies, including the American Dental Assn. He is a Medical Advisor of the Local Draft Board. He is a member of Psi Omega Fraternity, the Elks and the Knights of Columbus.

(Mrs.) SOPHIE NORDENHOLZ THAU, LL.B. '29, has a private law practice, been president of the Woman's Bar Ass'n of Baltimore, and Founder of Mates of Baltimore Yacht Club.

Hon. R. Dorsey Watkins, i.l.b. '25, is United States District Judge for the District of Maryland. His long and distinguished legal career has been in Baltimore where he served as President, The Bar Association. Memberships in Honor Societies include Phi Beta Kappa, ODK, and The Order of the Coif.

DR. NICHOLAS N. BRIGLIA, M.D. '25, of Philadelphia, has had a general practice in this area since graduation.

DR. IRVING TOPCHICK, PH.G. '25 and M.D. '27, was previously a Hospital Pharmacist. He is now a retail Pharmacist in Brooklyn, New York.

ROBERT D. BLACKISTONE, A&S, '26, is the owner of the Plaza Hotel in Washington, D. C. He has been Director of The Hotel Association in Washington, and of The First National Bank of St. Mary's in Leonardtown. He is also a member of The Board of Trustees of Charlotte Hall Military Academy and on the School Board in St. Mary's County.

DR, CHARLES W, EDMONDS, M.D. '26, is in the General Practice of Medicine in Towson. He is a member of the

Medical and Chirurgical Faculty of the State of Maryland, The AMA, and a member of Boumi Temple.

KENNETH F. SPINCE, Engr. '27, is Director of Engineering Roofing Granule Division of The Ruberoid Company, with headquarters in Hagerstown. He is Director of the YMCA, and a member of the Optimist Club.

MYRON B. (MIKE) STEVENS, Edu. '27, is a Patent Attorney, played professional ball, was a Captain of Ordnance in World War II, and served as Alumni President for Sigma Nu Fraternity. He has also been Vice President of the University's "M" Club, and resides in Bethesda.

DR. BYRUTH LENSON-LAMBROS, M.D. '27, is in both private practice and Industrial Medicine in Baltimore. She is a member of the Women's Medical Society and also the American Medical Women's Association.

DR. MARK WELSH, M.D. '28, is now retired as a member of the Maryland Live Stock Sanitary Service. He was also Director of the Animal Industry Division for Lederle Laboratory, now with the American Cyanamid Company. He and his wife Claribel, also a graduate of the University, live at "Indian Purchase" at Secretary, Maryland.

### 1930-1939

CURRY N. ENGLAND (Mrs. Harrison), Edu. '30, of Rockville, Maryland, previously taught Home Economics in Montgomery County and was Ass't Prof. of Home Management at the University of Maryland. She has been President of several Women's Clubs, and of her fraternity Kappa Kappa Gamma.

JOSEPH J. SMITH, M.D. '30, is Chief of the Dept. of Internal Medicine of Bridgeport Hospital, at Bridgeport, Conn. where he resides. He is a Diplomate of the American Board of Internal Medicine, Dir. of Health at Easton, Conn., and Pres. of the Connecticut State Heart Assn.

FLORENCE C. McLeod, A&S '30, of Alexandria, Va., also holds a B.S. degree from Simmons College, Boston. This is in the field of Library Science and was received in 1937. Her present position is as an Education Specialist, U. S. Navy Training Publications Center. She previously was Librarian, Children's Dept., Public Library of the District of Columbia. She holds the rank of Lieutenant in the USNR. She has had texts published basic to Navy correspondence courses, namely Financial Management in the Navy, and Electronics Administration and Supply.

C. E. Margeson, D.D.s. '31, of Baltimore, is currently practicing Dentistry. He holds memberships in a number of Dental Societies, and had the rank of Captain in the Armed Forces.

WALTER KOHN, M.D. '31, of Baltimore, is a practicing physician, and was



David L. Brigham, former Director of the Office of Alumni Relations, was honored "for a job exceptionally well-done" at a dinner November 1 at the Emerson Hotel. Among the

more than 400 persons attending were Governor J. Millard Tawes and State Comptroller Louis Goldstein.

a Lt. Commander, MC, USNR. He belongs to Phi Lambda Kappa Medical Fraternity, the Baltimore City Medical Soc.. and is on the Faculty of Maryland University in the Medical & Chirurgical Dept. His paper on Fetal Candidiasis was published in the Maryland State Medical Journal of 1954. He is a 32nd degree Mason, and a Shriner.

DAVID E. WELLS, A&S '31, who resides in College Park, has also received a degree in Law from formerly National University (now George Washington) in 1934. He was a Special Agent with the FBI, and is now a Partner in the Fuel Business of G. T. Wells & Sons, and is a member of several civic clubs including the Hyattsville Lions Club.

STEPHEN I. ROSENTHAL, M.D. '32, of Scranton, Pa. is a practicing physician, and belongs to various medical societics. He attained the rank of Major in the Army from 1942-1946.

BEN GOODKIN, D.D.S. '32, of Lincoln Park, N. J. is a practicing Dentist. He has held positions of Dentist with the State Dcpt. of Health, The Lincoln Park School and the Board of Child Welfare. He holds memberships in The American Dental Assn., N. J. Dcntal Assn. and others. He has been Dir. of Barnct Temple YMHA, and is a member of Kiwanis.

FREDERICK E. BEACHLEY, LL.B. '32, of Wash., D. C., practices Law. He was formerly a member of the Maryland General Assembly, Maryland State Income Tax Atty., U. S. Civil Service Comm. Atty., and D. C. Gov't. Legal Auditor. He was admitted to the Court of Appeals, Md. in 1934, the Tax Court

of U. S. in 1941. He is a member of B.P.O. Elks.

RALPH B. GARRISON, M.D. '33, of Hamlet, N. C. is a practicing physician. He has been a Dir, of Hamlet Savings Loan and Southern National Bank. He has been a member of the N. C. State Med. Soc. Executive Council; Past Pres. of N. C. Academy General Practice and the Executive Board of NCAGP, the Lions Club, and Rich. Co. Med. Society.

FILBERT LEROY MOORE, D.D.S. '33, of 'Towson, Maryland, is specializing in the Orthodontics field. He held the rank of Lt. Col. with the Army. He is a member of the Baltimore City and Maryland State Dental Societies, is on the Board of Presbyterian Hospital, and is a member of the Optimist Club of Baltimore, the Masons, and is a Shriner.

HARVEY F. CONNICK, A&S '33, resides in Louisville, Ky. and is presently Supervisor, E. I. DuPont Co., Neoprene Synthetic Rubber. Formerly he was Supt. of Smokeless Gun Powder Mfg. during World War II at E. I. DuPont de Nemours Co. He is a member of Alpha Chi Sigma Fraternity and the American Chemical Society.

A. E. Penn, Ll.B. '34 is president of the Baltimore Gas & Electric Co. Prior to receiving his Law degree from the University of Maryland, he attended the Baltimore College of Commerce in 1928 and received his CPA in 1930. He belongs to numerous clubs, and is a member of Doric Lodge AF&AM, Beauseant Commandery, and also the Baltimore Royal Arch Chapter No. 40, Boumi Temple.

CATHERINE DENNIS THOMASON, H.

Ec. '34, has been teaching in the Winnetka, Illinois Public Schools and for the past two years she has been directing the Learning Laboratory for Junior High Schools, which she initiated, and which has become very successful. She is moving back to Baltimore, where her husband has accepted a new position.

ROBERT F. HEALEY, M.D. '34 of Baltimore, is a practicing surgeon. He is on the attending staffs of St. Agnes & Bon Secours Hospitals. He is a member of the American College of Surgeons, the Medical Chir. Faculty of Maryland, the American Medical Association, and belongs to Phi Delta Theta, Omicron Delta Kappa and Phi Chi Fraternities.

Dr. Ferdinand Fader, M.D. '35 of East Orange, New Jersey is a practicing physician.

HENRY KARL T. SCHAAF, A&S '35 of Catonsville, Maryland is at present treasurer of Schaaf, Inc. He previously was assistant foreman in the X-ray Division of Westinghouse Electric Company. He served as an E. T. Mate 2nd Class for 19 months in the Armed Forces. He is a member of the Masonic Order-Sincerity Lodge No. 181.

MAURICE SKOBLOW, D.D.S. '35 of Tenafly, New Jersey is a praticing dentist.

DR. CONRAD L. RICHTER, Pharm. '36 of Baltimore, is the medical director of Martin, Inc. He also holds membership in the Baltimore Medical Society, the Med. & Chir. Faculty, and the American Medical Association.

DR. O. G. KLOTZ, D.D.S. '36 of Gloucester, New Jersey has a general practice in dentistry. He served in the

armed forces from 1943-1946 and holds the rank of Lt. Cmdr. USNR. He was on the Board of Education of Gloucester City for eight years, is past president of the Lions Club, and is active in many social and civic organizations. He has been director of the Terrapin Club of the U. of M.

WILLIAM STANTON, A&S '36, Ph.D. '41, of Westfield, New Jersey, is a chemist laboratory director for Dupont Co. at Darlin, New Jersey. He is a member of the American Chemist Society, the Society of Motion Pictures and Television Engineers, Society of Photography Scientist & Engineers, and the American Institute of Chemists.

DR. LEWIS H. SHIPMAN, D.D.S., '36 of Woreester, Massachusetts is a practicing orthodontist. He attained the rank of captain in military service from 1942 to 1946. He is president of the Worcester District Dental Society; a staff member of Worcester City Hospital, president of the Greendale Kiwanis Club, and secretary to the Worcester District Dental Society. He is also a 32nd Degree Mason. He has had several papers published on dentistry.

AMIEL KIRSHBAUM, Agr. '37, of Bethesda, Maryland, is the chief of the Control Testing Branch of the Division of Antibiotics at the U. S. Food & Drug Administration. He holds the rank of major in the U. S. Army, and was in service from 1940-1946. He is a member of the Society of American Bacteriologists, and has had numerous scientific papers relating to antibiotics published.

HAROLD L. KELLY, JR., Engr. '37 of Hyattsville, Maryland is maintenance superintendent of the physical plant of the University of Maryland. Previously he was a colonel in the U. S. Army; a structural engineer of the Public Building Administration in Washington, D. C., surveyor and construction engineer for J. E. Greiner Co. Consulting Engineers of Baltimore and assistant on the Engineer Corps of the Pennsylvania Railroad.

F. ROWLAND McGINITY, Pharm. '37, of Baltimore, is the owner of a pharmacy. He was formerly an instructor at University of Maryland.

DONALD H. WILLIAMS, Agr. '38, now resides in Kensington, Maryland. He is presently teehnical director of Dairy Industries Supply Association. He was previously employed as dairy technologist, International Association of Ice Cream Manufacturers, dairy Technologist at the Bureau of Dairy Industry, USDA. He holds the rank of Lt. Col., USMC (Ret.), and served actively in the armed forces from 1941-1946. He holds memberships in the Institute of Food Technologists, American Dairy Science Association, International Association of Milk & Food Sanitarians, is a Fellow of the American Association of Adv. Science. He is also a member of Cosmos Club of Washington, D. C. He has had about 35 papers and articles published.

Dr. Theodore Woodward, M.D., '38 is a practicing physician of Baltimore. He formerly held the position of professor and head of the department of Medicine at the University of Maryland School of Medieine. He reached the rank of Lt. Col. in the M.C. during the period 1941-1946. He holds memberships in a number of medical organizations among which are the American Medical Association, the American College & Physicians, American Society of Clinical Investigation and the American Board of Internal Medieine. He has had one monograph and numerous papers published.

Dr. Joseph M. George, Jr., M.D. '38 is now residing in Las Vegas, Nevada. He is a practicing physician. He was a flight surgeon from 1942-1945 and attained the rank of major in the Army Air Corps. He carries memberships in the American Medical Association, Nevada State Medical Association, the American Academy of General Praetiee of which he is a past president. He also belongs to the Kiwanis Club, the Elks and the Veterans of Foreign Wars for which he served as past state commander and national surgeon. He currently serves on the Governor's Mental Health Advisory Committee.

DR. LEONARD L. LEVIN, D.D.S. '38, of Norfolk, Virginia is a practicing dentist. He served with the Navy from 1942-1946 as a dentist.

DR. HANS H. GRIESBACH, D.D.S. '39 lives in Naugatuck, Connecticut where he is practicing dentistry. He is a member of the Waterbury Dental Society, the Si Psi Phi Dental Fraternity, and the Elks.

DR. HERBERT LAPINSKY, M.D. '39 of Brooklyn, New York also received his M.S. degree from the University of Maryland in 1935. He served in the U.S.A.A.F. and reached the rank of major. He is a physician in private practice.

JOHN P. SMITH, JR., Engr. '39, of Alexandria, Virginia, also studied law at the Georgetown University for two years. He served in the Seebees during World War II and carried the rank of Lt. (jg) U.S.N. He is vice president of the Charles H. Tompkins Co. He is a member of the American Society of Civil Engineers, the Washington Board of Trade, and The University Club.

### 1940-1949

FRED S. KEFAUVER, Agr. '40 lives in Middletown, Maryland. Hc is the manager of Plumbing & Heating Sales of the Frederick Trading Co. He is a major in the U.S.A.R., having had 4½ years active duty in World War II.

JOSEPH LEVIN, BPA '41 is living in



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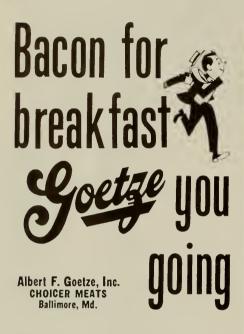
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Washington, D. C. He also holds an LL.B. '49 and an LL.M. '50 from George Washington University. He is an attorney in private practice. He served three years in the armed services during World War II.

MARGARET T. SMEDLEY (Mrs. Wm. M.) Agr. '41 is a homemaker and the wife of Professor W. M. Smedley of the U.S. Naval Academy. She is a member of the Alpha Xi Delta sorority and has held the office of president of that organization.

HOWARD C. FILBERT, JR., Engr. '41, M. Engr. '48, M.S. '53 is a resident of Baltimore. He is executive vice president and general manager of Miller Research Laboratories, and formerly held the position of chief of the Engineering Division of NOL at White Oak, Maryland. He is a member of the American Rocket Society, having been a director and past president of the Maryland Chapter. He also holds memberships in the American Ordnance Association, National Society of Professional Engineers and Registered Professional Engineers of Maryland. He belongs to Tau Beta Pi, ODK, Phi Kappa Phi and Sigma Tau Fraternities.

DONALD C. HENNICK, Educ., '41 of College Park, Maryland has retired. He formerly held positions of assistant professor of Mechanical Engineering at the University of Maryland; lab. assistant with the U. S. Bureau of Public Works and Maryland State Roads Commissioners, estimator and draftsman for Contractor, Supervisor of N. J. A., and assistant to mechanical engineer on construction work. He was a corporal with the Armed Forces from 1918 to 1919. He is a member of the American Association of University Professors and the Washington Society of Engineers. He belongs to Phi Delta Kappa—B Ep Campus Chapter, past president and coordinator of Iota Lamda Sigma-Nu Chapter. He is an historian of the American Legion, and a Mason and Shriner.

Dr. James G. Stegmaier, A&S '39, M.D. '42 is living in Cumberland, Maryland and is practicing surgeon. He is a member of the American Medical Association and the Allegany-Garrett County Medical Society; a Fellow of the American College of Surgeons; and a member of the Southeastern Surgical Congress, among others. He is a member of the BPOE. He is co-author of Benign Tumors of the Esophagus.

Dr. Wallace H. Sadowsky, M.D. '42 of Havre de Grace, Maryland is a practicing general surgeon. He was a Lt. (M.C.) and is in the U.S.N.R. He was in active service from 1943-46. He holds memberships in the Medical & Chirurgical Faculty of Maryland, the Harford County Medical Society, the American Association of Railway Surgeons, the American Medical Association, and is a Fellow in the American

College of Surgeons.

THEODORE J. STELL, A&S '42 is now living in Denver, Colorado. He is an agent with the Connecticut General Life Insurance Company. He previously was production manager of KOA-TV, with Public Relations, City & County of Denver, and senior field project planner of The Martin Co. He is a major in the AF Reserves, having served actively from 1942-45 and Aug. 1951-Oct. 1953. He was past state commander of the Air Force Association, Colorado Wing, and a member of the Junior Chamber of Commerce of Denver. He has been active in the American Legion Post, and is a member of the Reserve Officer's Association, and Civitan International. He was a delegate to National Defense Strategy Scminar, Wash., D. C. in 1961.

Dr. Lewis C. Toomey, d.d.s. '42 of Silver Spring, Maryland is currently an orthodontist. Besides his degree from Maryland, he studied orthodontics at the University of Montreal. Previously he practiced general dentistry, and was an assistant professor at the University of Maryland Dental School. He served in the Dental Corps of the Armed Scrvices from 1942-1946. He has been president of the Alumni Association of the University of Maryland Dental School, past president of the Southern Maryland Dental Society, and is a member of Psi Omega Fraternity and OKU Honorary Fraternity. He is also a member of the Kiwanis Club of Silver Spring.

KENNETH A. RICHER, A&S '43 resides in Baltimore, and is currently an electronic scientist-chief, Radiation & Propagation Section, Ballistic Research Labs, Aberdeen Proving Ground, Maryland. He was formerly a radio engineer with Bendix Radio Corporation and the same with the Naval Research Laboratory. From 1944-1945 he was an Ensign in the USNR. He is a member of the American Ordnance Association, a past president of the PTA and the local improvement associations. He is very active in his church. He has had numerous technical reports published on Ballistic Research Labs.

DR. PAUL B. FOXMAN, D.D.S. '43, of Bridgeport, Connecticut is a practicing dentist. He holds the rank of Lt. Col., having served in the Army from 1943-1946 and again from 1950-1953. He is a member of the Gorgas Odontological Society, the American Dental Association, Bridgeport Dental Association and the Connecticut Dental Associa-

MRS. PATRICIA HAZEL, Educ., '43, supervisor for Army Service Clubs in U. S. Army, Europe, at Heidelberg, Germany, formerly served as club director for Army Special Services in Korea from 1956-59, and personnel director, Hecht Co., Silver Spring.

MERTON B. LILLY, LL.B. '43, has been appointed assistant director of The



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Dow Chemical Company's Patent Department. He holds his A.B. degree from Oberlin College, and also attended George Washington University, and was in the U. S. Chemical Warfare Service, after which he earned his degree from Maryland. He has been a patent solicitor for Western Electric, supervisor of the Patent Department of Battelle Memorial Institute, a patent attorney for a private firm in Toledo, and director of the Wyandotte Chemical Corporation Patent Department. He joined Dow in 1955 as a patent attorney and became staff counsel in 1957.

DR. C. V. LATIMER, JR., M.D. '43 is living in Hudson Falls, New York. He is a general practitioner, having served in the armed forces for two years and carried the rank of first lieutenant.

JOHN F. MILLER, BPA '43 of Baltimore, is president of Dulany-Vernay Inc. Printing Co. He served as a captain in the Armed Forces from 1943-1946. He is a Mason.

LLOYD EUGENE CHURCH, D.D.S. '44, of Bethesda, Maryland is practicing oral surgery, and is affiliated with the Suburban and Montgomery County General Hospitals. Besides his degree from the University of Maryland, he has an A.B. degree from West Virginia University, an M.S. and a Ph.D. degree from The George Washington University. He served in the Dental Corps from 1946-1948 as a captain. He has served on many committees, including the President's Committee on Employment of the Physically Handicapped from 1961-1964 and the International Society for Rehabilitation of the Disabled (United States Committee), 1962-1964. He belongs to several alumni associations, and was sponsor of the University of Maryland Alumni, 1958-59. He is a member of some 17 professional societies, including the American Dental Association. Sigma Xi is his honorary society, and he is listed in "Who's Who," plus other directories. He has had six papers published, and has given many professional talks.

DR. GEORGE C. RASCH, JR., A&S '45, M.D., '47, of Munster, Indiana, is a surgeon in private practice. He was a captain, M.C., U.S.A. from 1954-1956. He is a Fellow of the American College of Surgeons and a Diplomate of the American Board of Surgery. Delta Sigma Phi is his fraternity. Several of his medical papers have been published.

RUTH LINGLE RASCH, JR. (Mrs. George C.) H.Ec. '45, of Munster, Indiana, is a homemaker, and a member of Gamma Phi Beta Sorority.

DR. JOEL C. FINK, M.D. '47, of Smithtown, New York, also holds a B.S. degree from the University of Alabama. He has a private practice in dermatology. He reached the rank of major in the Medical Corps from 1943 to 1954. He is a Fellow in both the American Medical Association and the

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Academy of Dermatology & Syphilogy. He is a member of several dermatology societies, and a consultant of dermatology at many hosiptals in N. Y. He also belongs to the Association of Military Dermatologists.

WILLIAM R. LEWIS, Engr. '49, of Riverdale, Maryland is a principal copy preparer for Offset Lithography. He was an aviation cadet with the Navy from 1943-1945.

DR. JOHN E. PARENT, D.D.S. '49, who now lives in North Miami Beach, Florida, is a dentist in general practice. He was a Lieutenant with the U.S.N. from 1943-1945 and from 1949-1955. He was the president of the No. Dade Dental Society in 1959, 1960, and 1961.

CHARLES W. MARTIN, BPA '49, has recently been named manager of life, accident and health lines at The Travelers Insurance Companies of Washington, D. C. Joining the company in 1950 as a field supervisor in Washington, he was promoted to assistant manager in 1952; manager at the Erie, Pennsylvania office in 1955, and manager of the Central City office in Philadelphia in 1960. He holds B.S. and M.S. degrees from the University of Maryland.

### 1950-1959

MAJ. THOMAS M. MCKEE, Agr. '50 of East Meadow, New York is serving with the USAF. A member of Phi Kappa Phi Fraternity, he is also a member of the Knights of Columbus.

ANNA S. MILLS, M. Ed. '50 is a resident of Martinsburg, West Virginia. She is currently a teacher of social studies and guidance counselor of the Martinsburg Senior High School. Her former positions were teacher and acting principal of Bunker Hill High School, West Virginia and teacher of Brunswick High School, Maryland. She is a member of the National Education Association, National Council for the Social Studies and others. Her sorority is Delta Kappa Gamma.

LT. Col. John J. Mayer, d.d.s. '50 is attending a course at the U. S. Army Command and General Staff College at Fort Leavenworth, Kansas. Col. Mayer has been in the Army since 1943. He also holds a B.S. degree from The Citadel, and he is a member of Omicron Kappa Upsilon Fraternity.

DR, JOSEPH E. O'MALLEY, M.D. '50 of Orlando, Florida is a plastic surgeon. He is a member of the Certified American Board of Plastic Surgery.

ROY H. ROBERTSON, BPA '51, is a resident of Farmingham Center, Massachusetts. He is the New England Division sales manager for Johnson & Johnson First Aid Products. He has served with the same firm as territory representative. Prior to this, he was territory representative for Proctor & Gamble Distributing Co. for the Midwest & Hawaii.

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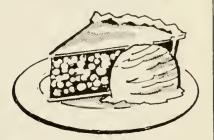
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RAY KROUSE, Ed. '51 football star, and his wife Marjie, recently had a son, Raymond Francis, Jr. The Krouses also have four girls.

BETTE DAVIS LEVY (Mrs. David), Educ., '51, is a housewife. She is a member of Phi Sigma Sigma Sorority.

DR. R. GARY ROOP, Agr. '51 of Adelphi, Maryland also holds a D.V.M. from the University of Georgia, and is a practicing veterinarian. He is a captain in the Army Reserve Veterinary Corps, having been on active duty from 1957-1959, and is presently in the Active Reserve. He is a member of the AVMA, the Maryland State Veterinary Med. Association, D. C. Academy of Veterinary Medicine, D. C. Veterinary Med. Association, Association of Military Surgeons. His fraternity is Sigma Phi Epsilon.

Mary Young Varley, A&S '52 lives in Rochester, New York, and is a housewife

JOHN STUART LAMBERT, LL.B. '52, of Bethlehem, Pennsylvania, also holds a B.S. degree from Lehigh University. He is presently an arbitration attorney of the Bethlehem Steel Co. at Bethlehem, Pennsylvania, having previously been a management's representative at the Bethlehem-Sparrows Point Shipyard. He is a member of Delta Upsilon Fraternity.

HAROLD VERNON JORDAN, M.S. '52, Ph.D. '57, lives in Bethesda, Maryland. He is a senior scientist with the U. S. Public Health Service. He served with the U. S. Army Air Forces as a 1st Lt. from 1943-1945. He is a member of the American Association for Advanced Science, the International Association Dental Research, and the American Society of Microbiology. He is a member of Sigma Xi Fraternity. He has had published several articles in the field of dental research.

MILTON HERBERT MITCHELL, JR., BPA '53 of Baltimore is a supervisor of employment with Bendix Radio Division, The Bendix Corporation. Previously he was assistant personnel director of Hoover Electronics Division, the Hoover Co., and supervisor of employment with Aircraft Armaments, Inc. He served as a 1st Lt. with the Armed Forces from 1954-1956. He is a member of Personnel Administration Association, and is on the Curriculum Advisory Committee of Baltimore Junior College. He also belongs to the Bendix Radio Management Club.

DR. JOHNSON SOY LONG LING, Ph.D. '53, M.D. '62, is residing in Flushing, L.I., New York, and has an internship in medicine at Roosevelt Hospital, New York City.

WILLIAM EVERETT BROOKE, A&S '53 and LL.B. '55 of Beltsville, Maryland is a lawyer.

VICTOR H. JUNGK, JR., BPA '54 is living in Calverton, Beltsville, Mary-

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LORENE LADD JUNGK (Mrs. Victor Jungk) H.Ec. '54 is a housewife, She was vice president of Kappa Kappa Gamma Sorority.

DR. THEODORE E. EVANS, M.D. '54, residing in Baltimore, Maryland, is in the general practice of medicine. He was a captain with the U.S.A.R. and was in active service from 1955-1957. He is a member of the Optimist Club-Perry Hall.

VIRGINIA LEE FRANKLIN, Nurs. '54 lives in Towson, Maryland. She also holds a MN degree from Emory University. At present she is an instructor in surgical nursing at The Johns Hopkins Hospital School of Nursing. Previously she was staff and head nurse at the University of Maryland Hospital; instructor, Neurosurgical Nursing at Emory University and instructor, In-Service Education, University of Maryland Hosiptal.

JOHN C. MEGGERS, Educ. '55, lives in Bethesda, Maryland, and is assistant manager of the Brightwood Garage. He was formerly with the U.S. Army Ord. Corps, Aberdeen Proving Ground. He carried the rank of SP/3 from 1955-1957. He is a member of the American Ordnance Association and the National Rifle Association.

SELMA M. BRAWNER, Nurs. Edu. '52, M.A. '55, residing in Aurora, Colorado, is a psychiatric nursing supervisor at Fitzsimons General Hospital, Denver. She has been employed in teaching and administration in nursing since 1933. She is a Lt. Col. in the Army Nurse Corps, and has been in that service since 1942. She is a member of the American Nurses Association and the National League for Nursing.

FREDERICK O'NEILL MITCHELL, Agr. '55 of Perryman, Maryland, holds a position in Food Processing as vice president of F. O. Mitchell & Bro., Inc. He is a member of the Rotary Club of Aberdeen, Maryland.

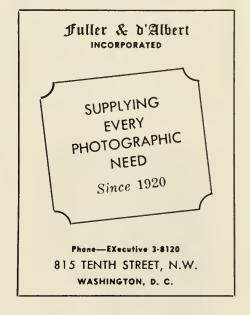
Dr. Charles M. Henderson, A&S '55 and M.D. '57, resides in Baltimore where he is the resident physician in neurosurgery at University Hospital. He is a captain in the USAF Reserves. He holds membership in several fraternities, namely, Sigma Chi, Scabbard & Blade, Nu Sigma Nu-Medical and Alpha Omega Alpha, Medical Honorary.

Dr. Martin Jerome Feldman, M.D. '55, of Reisterstown, Maryland, is a practicing physician in that area. He held the rank of T/3 with the Armed Forces from 1943-1945. He belongs to the Baltimore County Medical Association.

Lt. Col. Chester J. Chojecki, Mil. Sc. '56, is living in Laurel, Maryland. He is an army officer and carries the rank of Lt. Col. He is a member of the U. S. Army Association, the Tech-









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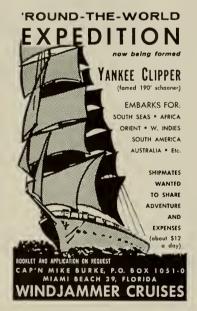
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ALEXANDER W. ASTIN, M.A. A&S '56, PH.D. '58, has been advanced from research associate to program director in the research division of the National Merit Scholarship Corporation, where he joined the staff in 1960. Before joining NMSC he was concurrently assistant chief of the psychology research unit of the Veterans Administration Hospital in Baltimore, and assistant professor of psychology at the University of Maryland.

LT. COL. EVARICE C. MIRE, JR., M.A. '56, maintains residence in Montgomery, Alabama. He is presently chief, Operations Plans Division at Bunker Hill AFB, Indiana. He has been in military service since 1940 and has been a pilot, squadron commander and command pilot. He is a member of Phi Kappa Phi and Pi Sigma Alpha Fraternities and also the Knights of Columbus, 3rd degree. His thesis was published.

DONALD BEVERIDGE TAYLOR, Engr. '56 of South Bend, Indiana, also holds an M.S. from the University of Notre Dame. He is a senior engineer in Structural Dynamics Analysis at Bendix Corporation, Mishawaka Division. He is a member of the National Society of Professional Engineers.

JOHN FRANCIS BIANCHI, A&S '56, LL.B. '59 resides in Yonkers, New York, and is associated with the law firm of Close, Griffiths, McCarthy & Gaynor in White Plains, New York.

LT. COL. CHARLES E. BILLINGER, BPA '57, USAF, (Ret.) has completed his teaching credential requirements at the University of California and has accepted a position on the faculty of Norte Vista High School in Riverside, California, where they reside.

REV. NED HEETER, A&S '57, curate of St. Matthew's Episcopal Chuch in Hyattsville, has accepted a call as rector of St. Matthew's Church, Sunbury, Pennsylvania. Father Heeter has been associated with the Hyattsville Church since June, 1960. After graduating from the University of Maryland he was graduated from Berkley Divinity School at New Haven, Connecticut. While in this area, he served on the Diocesan Committee on Ecumenical Relations and was a member of the Washington Area Council on Alcoholism. He was chaplain of the Hyattsville Fire Department.

DOROTHY J. BURDICK (Mrs. Martin), H.Ec. '57 of K. I. Sawyer AFB, Michigan, is now doing some substitute teaching, having taught full time for two years previously. She belongs to Alpha Gamma Delta Sorority, and also the American Association of University Women.

BOZHANA J. TROST, A&S '57 lives in Washington, D. C., and is assistant reference law librarian-Antitrust Library,



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F. R. HAGAN, JR., A&S '57 of Baltimore, is the engineering editor of Westinghouse Electric Corporation. He joined the Maryland Air-National Guard in 1957 and is presently a S/Sgt. He holds membership in the Institute of Radio Engineers.

DR. ROBERT B. J. MULVANEY, M.D. '58, has recently graduated from the School of Law of Fordham University at Lincoln Center, New York. He is currently serving his legal clerkship with the firm of Schopira, Steiner and Schopira in Newark. He is also physician to the Essex County, New Jersey Penitentiary, and chairman of the Medical Social Welfare Committee of the Essex County, New Jersey Medical Society.

ELLEN K. COALE (Mrs. C. W.), H.Ec. '58, of Adelphi, Maryland, was formerly an administrative dietitian.

C. W. COALE, Jr., Agr. '59, lives at Adelphi, Maryland, and is currently a graduate student at the University of Maryland. He was with the USNR for three years, having the rank of Lt.

DAVID JAMES WASHINGTON, M.Ed. '59, of Washington, D. C., is presently a high school teacher. He is a member of many organizations, including the National Education Association. He also belongs to PDK and MSTA.

HARRY WILSON ROBERTS, U.C. '59, who resides in Silver Spring, Maryland, is a military personnel specialist with the U.S. Government. He was formerly an officer in the U.S. Army, having attained the rank of Lt. His fraternity is Phi Kappa Phi.

VALERIE REGARDIE, Nurs. '59, M.S. '63, is living in Chevy Chase, Maryland. She is a registered nurse, and an instructor, School of Nursing. She has also been a head nurse and a staff nurse. Among the associations she belongs to are the American Nurses Association, National League for Nursing, and others. She belongs to Sigma Theta Tau Sorority. Her article "Nursing Outlook," was published in 1959.

MAURINE KNATVOLD HAYTER, A&S '59, of Baltimore, is working part-time at Hutzler's Department Store while working on her M.A. degree. Previously she worked as secretary and substitute teacher at W. Annapolis School; a computer, U. S. Navy Experiment Station, and in the Book Department at Hutzler Store. Her husband, Comdr. Huber M. Hayter, USN, was killed in action in 1942. She is a member of PEO, Phi Kappa Phi, Phi Alpha Theta, and a former member of AAUW-Pen Women and Kappa Beta Pi, legal sorority. Has had an article published in SHIPMATE Magazine. She witnessed the attack at Pearl Harbor, and christened the USS Hayter.

DR. GERSON ASRAEL, M.D. '59, A&S '57, Houston, Texas, is resident in urology at Baylor University.

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ROY DRAGONE, LL.B. '59, is living in Baltimore. He holds a BSCE from Lehigh University and an MCE from New York University. At present he is an attorncy-engineer, vice president of Engineering Corporation of Baltimore. He previously was sales engineer for Dorr-Oliver, Inc. He was a corporal in the Armed Services from 1943 to 1945. He is a Diplomate, American Academy of Sanitary Engineers. He also belongs to a number of engineering associations, among them the American Society of Civil Engineers. He has had several articles published.

REINHARD J. Buss, C.S.C.S. '59, of Decorah, Iowa, has joined the faculty at Luther College as an instructor in German. He also holds an M.A. from the University of California in Los Angeles. He served as translator-interpreter in the U. S. Army in Europe, and has been a graduate assistant in the Department of German at the University of California

LT. Col. WM. L. Bost, M.A. '59, is living in Atlanta, Georgia. He is a career officer in the regular Army and is at present Chief of Medical Plans Operations, 3rd U. S. Army. He has served in 15 foreign countries, including England, France, Germany, Belgium, Korea and Japan. His fraternity is Phi Alpha Theta, and he is a Scottish Rite 32nd degree Mason.

THOMAS HAROLD VARLEY, Engr. '59, of Rochester, New York, is a project engineer of the Cas-Hoyt Corporation. He was previously manufacturing engineer and equipment engineer for Carrier Corporation at Syracuse, New York. He served from 1950-1952 as a S/Sgt. in the armed forces. He is a member of ASME. His fraternities are Pi Tau Sigma and Tau Beta Pi. He also belongs to the Rochester Industrial Management Council.

St Duk Lee, M.S. '59, Ph.D. '62, resides in Durham, North Carolina, and is a biochemist and Postdoctoral Fellow (NIH). He is a full member of Sigma Xi. He has had several papers published.

### THE SIXTIES

WAYNE H. BETHARDS, BPA '60, of Hyattsville, Maryland is a marketing assistant at Rixon Electronics, Inc. in Silver Spring, Maryland. He is a PFC, having served six months with the Armed Forces. He is a member of Phi Sigma Kappa, Alumni Association of the University of Maryland. He also belongs to the Loyal Order of the Moose, the B.P.O.E. Elks, and the Jaycees.

DOROTHY C. BREWER, Nurs. '60, resides in Baltimorc. She is a staff nurse at the Psychiatric Institute of the University of Maryland. She is a member of Gamma Phi Beta. She also belongs to the Nurses' Alumni Association and the American Nurses' Association.

RAYMOND W. GOODMAN, JR., Engr. '60, is a resident of Silver Spring, Maryland. He is an electrical engineer at Vitro Laboratories, and is a member of the Institute of Radio Engineers.

Donald F. Herndon, LL.B. '60 lives in Silver Spring, Maryland and is with the safety regulations division of the Federal Aviation Agency. He previously was employed at Martin Company as an aero-engineer. He served with the Armed Forces from 1943-1946 and from 1950-1953, and attained the rank of Captain in the U. S. Army. He also holds a B.S. Mechanical Engineer degree, which he received from GWU in 1950.

JOHN F. THOMPSON, Agr. '60, is a resident of Mechanicsville, Maryland. He is at present enrolled in Graduate School, and is employed as a Vocational Agricultural Teacher at Margaret Brent High School. He has been the secretary of St. Mary's County Teacher's Association, and secretary to the Mechanicsville Lions Club. He has had several papers published in the Maryland Vocational Agriculture News.

BEVERLY R. FRIEDLAND, Edu. '61, lives in Silver Spring, Maryland, and is a teacher at High Point High School. Previously she was an assistant instructor at the Maryland University College of Business & Public Administration from '61-'62. She holds memberships in the National Education Association, United Business Education Association, Maryland Business Teacher's Association, Maryland State Teachers Association and the Prince Georges County Teachers Association.

ARNOLD CRESTE MASCOLO, U.C. '61, resides in W. Long Branch, New Jersey. He is a field engineer, with PHILCO Corporation, working as a project officer in the doctrine and training literature office of the Signal School, at Fort Monmouth, New Jersey. He served in the Armed Services for 20 years, having retired as a Major in December of 1960. He is a vice president of the local PTA and member of the Monmouth County Civil War Round Table.

CAROLE E. NORTRUP, H. Ec. '61, of New York City, New York, is a Therapeutic Dietitian at The New York Hospital. She is a member of Omicron Nu, and also belongs to the American Dietetic Association.

Kristen L. Struebing, A&S '61, is residing in Sausalito, California. She is a teller at the Savings & Loan Co. Formerly, she was recreation worker and program director for the American National Red Cross, attached to the U.S. Army in Korea. She was recording secretary for Delta Delta Delta, and also belonged to Phi Kappa Phi, Alpha Lamda Delta and Tau Beta Sigma. She was a member actress of Pan Players-Childrens Theater, and San Francisco Adult Theater.

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